ϸNjǌ̃ϸǏǁǁ ƕyǌ̃ǻШ

ƒ ƐǭǑƐ ƕǐǂǀ

ƕǐƳǻǌ̃ǂШǗƐ ƕǌ̃ǭǬǁƐNj Ơǻǌ̃ǂШǗƐ !ǂY !ƨ5

ǌ̃ƐNjǆ̈yǤ ϸǐǂƨШǻǌ̃ ƕǁǻƨϸ

ƒ ϸǌ̃ǂǁ ƕǐƷǻʂǩǁƐNj ƕǐƳǻǌ̃ǂШǗƐ Ɩ ǻǆ̈Njǀǌ̃ǁƐ

"ǭǤϸƐ ƕǆ̈ǐǭǌ̃ Ǐƺ ǍƮϸǌ̃ǁƐ ǍǂY ƕǐǆ̈Ɛǭǐǌ̃ ƕƨƐϸǭ"

The Social and Cultural Components of Illness:
A field Study on Patients in Irbid

إشراف الأستاذ الدكتور

فهـمي الغـزوي

اعداد الطالبة

أماني كمال علي زغبر

2009770011

!**2014** ǏƧǐƬǁƐ üƬƧǁƐ

قرار لجنة المناقشة

المكونات الاجتماعية والثقافية للمرض

"دراسة ميدانية على عينة من المرضى في مدينة اربد"

إعداد الطالبة

أماني كمال علي زغبر

البكالوريوس لغات السامية والشرقية – لغة فارسية، جامعة اليرموك 2009م

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علم اجتماع في جامعة اليرموك، إربد، الأردن

<u>وافق عليها</u>

أ.د. فهمي سليم الغزوي................................... مشرفا رئيسا

أستاذ في قسم علم الاجتماع، كلية الآداب، جامعة اليرموك

أ.د. عبدالعزيز الخزاعلة................................... عضوا

أستاذ في قسم علم الاجتماع، كلية الآداب، جامعة اليرموك

أ.د. محمد سليمان الشناق................................... عضوا

أستاذ في قسم الأنثروبولجيا، كلية الآثار والانثروبولوجيا، جامعة اليرموك

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

l ƑĭNjŧƟDžǁƐ ƕDžǝƑƽ

[illegible]

ƼΘǘDŽǁǀ ƾDŽǂǝƺ

ƨ ù ǆžƶ Ǘ ʅ ƧȜǉǆ Ɣ!Ǥȝ!ƒ Ŏ5 LJĂǂŏ Ňī Ƨŏ ʅ ɕƙ!ƒ ǄǤǉƶ!ƒ ƒŖǋ LJǂ!Ă Ü ĭ ƥƧ5 ǄǤǉƶ ǋƶǉƒĂŋ Ư žƶ Ŏ5 ĂǋǗŏƧŏ ʅ ɕƙ

.(244 ƒ Ü2007:LJŏƥǆĂƶ) ."ƥƧɕ!ƒ Ǥǌŏ!ƍ Ŏǆǩǉŏ Ŏƙ!ƒ ǂ5Ǥǀƛ!ƒ ýƤƒƥ

ƨ ù ʅ ǉ!Ǥƶ ƱƶƙƧ ù ŏĂ Ü ă Ƨ ù ƤŰ ǂ5Ǥǀƛ LJǆž Ƨ ǆƙƤŏ Ǘƶ ʅ ǉ Ǘǆ Ăǌɕǆž Ư Ƨǆž!ƒ Ƨƶƙžŏ ƨ ǆƱǉǆž!ƒ ƒŖǋ LJǆžĂ

.yǆžƙŋǆž ýǂ Ŏ5 ƥƑǤ ʅ !ƒ Ŏ5Ǥǀƛ!ƒ

Ŏ5 Ư Ƨǆž!ƒ ƧĂƥĂ Üyǆžƙŋǆž!ƒ ǄǤ ư ƵƊ ƧǕǉ ǂǌŋĂ Σ ǂžŏ ŎƵǤǆžƙŋƒĂ Ŏ5Ǥǀƛ ǆžĂǌɕǆž Ư Ƨǆž!ƒ LJƍĂ

ǂ ù ǆ5Ǥǀƛ!ƒ ǆžŏ ù ǀ!ƒ Ĭ ù ǆƵ ǤǉƥƥŏLJƊ ǋǉǆT LJǆž ǂ Ʈ ǤƤ!ƒ ǋƙǀŏƧƱ Ĭ ǆƵ Ư Ƨǆž ǆ! ƥƧɕ!ƒ ǂƶǤŋƙ ʅ ƒ LJƍ ýƶ ǆžǌƙǤŏơ

ƘǤ ù ǆ5ǆƤ!Ǥƶ Ʊƶƙ Ƨŏ ǤǆžǉƍĂ Üǂǆ ŋĂ!Ăŏƶ!ƒ ýǆžƒĂž!Ǥƶ Ʊ!5 Ʊƶƙ Ƨŏ Ű Ư Ƨǆž!ƒ Üǋ ư Ƨǆž Ŏ5 ǀƥƑǤ ʅ !ƒ ǂǆƵǤǆžƙŋŰƒĂ

.ŎƵǤǆžƙŋŰƒ ǆžǌǂĂǆ ʅ ƱǤǆžǉǆƶĂ ÜƧTƶǆ! ǂǆ5Ǥǀƛ!ƒ

ǉŖ ù ǌ! ǆžǌƙǤ ù ǂƒƧƥƍ LJŏǤƶƙƙ ǂ ŏơ ƒ ǤƤTŰƒ Ƨ ŭƙƤǤƶ Ƨ ǆƙƤƙ ǂǆ ư Ƨǆž!ƒ Ư ƒƧƵǖ! ǂƶǤŋƙ ʅ Ű ƒ ǤǆžƊ

ƘǤƶǤŋƙ ù ʅ ŰǤƶ LJŏǤ ù ƶƙ!ƒ ƒŖǋĂ ÜǤǋǄƒȿƍ Ƙǆ5Ȩ Ʈ ƙ!ƒĂ ǁĂǆ ʅ !ƒ ƱǤǆžǉƊ LJǆž ǂɕǆƙƤǆž ɯŖǤǆžǉ ƥŋǉĂ Ü Ư ƒƧƵǖƒ

(129 ƒ Ü2011ÜLJĂƧƤǄĂ ƥǆžơǆž ŎǆƵ).ýǂǂ yǆžƙŋǆž! Ŏ5Ǥǀƛ!ƒ ƧǤƱŰƒĂ ǂŏƵǤǆžƙŋŰƒ Ƨ ƤƒĂǆž!Ǥƶ Ʊƶƙ Ƨŏ

Σ Ǥ ù Ɓ!ƒ ǀǤŏơ! ǋƙǤ ʅ ƒƧƥ ýǤŋǆž ƧĂƱƙĂ ÜYǤǆžƙŋŰƒ ǆžǆƵ ƧĂƱƙĂ ɯŭž!ƒ ýƑǤ ʅ ĂĂ ǸƔƱ!ƒ ƧĂƱƙ yǆžĂ

Ƨ ĂƧ ù ǕĂ ǂƒƥơƊ Ĭ!ƍ yŋƧƙ ǤǆžǉƍƯ ŏƧǆž!ƒ ǤǌŏǆƵ LJĂǂŏ Ŏƙ!ƒ ǂ!Ǥơ!ƒ LJƊ Ơ ư ƒĂ!ƒ LJǆž ƠƶƮƊ ÜǆžǌǆǂǤTǆžĂ

ǂ ù Ƒŏƶ!ƒ LJƊ ƥ ù ǂǆǀ Ŏƙ!ƒ ƨ Ƒǀơ!ƒĂ ƘǤǆžĂǆžžǆž!ƒ Ƙǆžǂƒ Ƨƙ5 Üǂǆƶ Ʊ!ƒ ƘǤǆžĂǆžžǆž!ƒ ƨ ǤƱǉ ɯƧǤƤ ǂƱǤ ʅ ƶ ýǂƶ Ŏǋ

Ü Ư ƒƧ ù ǆžŰƒ ǆž ù Ǖžǆžƶ ǋƙƶǤ Ʈ ƍ ýǆžƒĂƵ LJǆž Ŏ ʅ Ǥ ʅ Ɗ ýǆžǤƵ Ŏǋ LJǤ ʅ ǉŰƒ ǤǌTŏžŏ Ŏƙ!ƒ ǂǆ5Ǥǀƛ!ƒĂ ǂǆƵǤǆžƙŋŰƒ

(76 ƒ Ü2007:ǂǆžŭ ʅ) .ǂƑŏƶ!ƒ ǉŖǋ Ĭ ǆƵ Ƨŏƶǂ ƥơ Ĭ!ƍ Ƨ ƤĂƙŏ ǋ ư Ƨǆž LJǆž ǋŋŭƵ LJƊĂ

ǋŋŭƵĂ ǋ!Ǥŏơ Ƨ Ȣ Ʈ ƙ!ƒ ǂŏɕŏǂĂ Ư Ƨǆž!ƒ ǁĂǆ ʅ Ʊǆžǉ! ƥƥơǆžǂ ǂ5Ǥǀƛ!ƒ ǂǆžǋƊ Ŏ5 ǁTŰ Ŏ!Ǥƙ!ǤƶĂ

Ư Ƨ ù ǆž!ƒ ǁĂǆ ʅ Ŏ5 ǤǋƧĂƥ Σ ƧǤǆžƙ ǂǆƵǤǆžƙŋŰƒ ǂƑTǉƙ!ƒ LJƊ ýĂǀ!ƒ LJǂǆžŏĂ .ǋǉǆž ăĂǂT!ƒ ƔĂ ʅ Ɗ Ĭ ƙơĂ

[illegible]:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

[illegible]

1 - [illegible] Disease:

- [illegible] (55 [illegible] 1981 [illegible])
- [illegible] (54 [illegible] 1988 [illegible])
- [illegible] (99 [illegible] 2008: [illegible])
- [illegible] (48 [illegible] 2007: [illegible])

2- [illegible] :Illness behavior

- [illegible] (20 [illegible] 2003:[illegible])
- [illegible] (183-182 [illegible] 2008[illegible])
- [illegible] (67 [illegible] 2009[illegible])

3- [illegible] :sick role

[illegible] (44 [illegible] 2007[illegible])

-4

.(128 ص 2008

-5

2006

(47 ص

[illegible]

[illegible]

[illegible]

Ĭ ďžƑƙǁǁǃ üƬ ƻǁǁǃ

ƒ þDžǂǁ ăþưǁǁǃ þƑƯǛǃ

: ƒ þDžǁǁǃ ƹĭþyƗ

ǖùǁ!Ǵƹ ƱǁƙƧùƙ ÜǑùơ!ƒ ǇƑǴù ǂ!ƒ Džƪŋ Ĭ ǁǁƵ ƧƛƋƙ ƗŏƶŏǁƱ Ƨŏƹ Ɨ!Ǵơ NJǇD Ĭ ǁǁƵ Ư Ƨďž!ƒ ƻƙ̌ƶŏ

ĂD ÜƗùŏþƶďž!ƒ ƯƒƧùďžǛƒ ydž ǖǁdž ýǴơ!ƒ ĂNj Ǵdžǂ ÜƗŏŋƧǴP ƔǴǁƪD ǇƵ Ǵdžǫ ǋƙǇƙĂ ÜƘǴdžǘƵĂ ƯƒƧƵǁ

Ư Ƨùďž!ƒ ƠǁƱƬ dž DžƒþPƙƪƒ DžƙŏĂ .ƗŏƙƒR!ƒ ƗƵǴǇďž!ƒ ƯƒƧďžD ydž ýǴơ!ƒ ĂNj Ǵdžǂ ÜƗŏǁPƒþ ƘǗǘƙPƒ ƗŋŏƙǇ

Ǵùnjǀƶ ǋƙùǇŏ Ŏƙ!ƒ ĂD ÜDž!ǛǴǁ ƩǴƪơű! ĭþƋƙ Ŏƙ!ƒ ƘǗǴơ!ƒ yŏdžŋ Ĭ!ǫ ǀƧǴƬű! ÜƧƬǁ!ƒ Ŏ5 DžǴƵ ýǂƬǁ

Ŏù5 ƔǴùƬdž!ƒ ǀǴù5Ă ĂD ÜƗŏƵǴdžƙŋǗƒ ýǂǴƬdž!ƒ ĂD ÜǁǴƶƨǗƒĂ ƽŏư!ƒ Ɣǁƪƙ ĂD ÜƻƑǴƯĂ!ƒ Ŏ5 ýǘƙPƒ

.ƗŏǴnjǇ!ƒ

ÜƘǴùpǴƵǗƒĂ ÜƘǴǁǴƬǗƒ :ǇǴŏơǛƒ Ưƶǁ Ŏ5 Ư Ƨďž!ƒ ƠǁƱƬ dž Ƨǁƙƶŏ ÜýdžƬǛƒ NJdžĂnjƽdž Ŏ5Ă

ƗƶƑǴƬ!ƒ Ƨŏƹ ƘǴ5ǘƙPǗƒĂ ÜĭĂƪ!ƒĂ Ƨŏƹ ǁĂǁƪ!ƒĂ ÜƗǁƙƪdž!ƒ ƯƒƧƵǛƒĂ ÜƘǗǘƙPǗƒĂ ƘǴǁƒƧƱưǗƒĂ

þƪŋ Ĭ ǁǁƵ ƧnjƯƙ Ŏƙ!ƒ ƘǴdžǘƶ!ƒĂ ƯƒƧƵǛƒ Ĭ ǁǁƵ Ư Ƨďž!ƒ ƧŏƛƋƙ Ƨ Ƭƙǀŏ ǗĂ .ƗƽŏƯĂ!ƒ ĂD Ɣŏǂ Ƨƙ!ƒ Ŏ5

ĭþƋùƙ Ǵùdž ǁƧùŏƛǂ ǂŏơ ÜƗŏ5ƱǴƶ!ƒĂ Ɨŏƪ5ǇƒƗ!Ǵơ!ƒ Ĭ!ǫ Ư Ƨďž!ƒ ƧŏƛƋƙ Ɣ!Ǵƺ!ƒ Ŏ5 þƙdžŏ ýǁ ÜƔǴƬdž!ƒ

Ɨùŏ ƋƧ Ƨŏŏƺƙ Ĭ!ǫ -ǇdžƨƧdž!ƒ YĂǇ!ƒ ǇdžƘǇǴǂ Ǵdž ƒƦ ǖƬĂƬPĂ- ƯƒƧďžǛƒ YƒĂǇD ǇdžþŏþƶƒǴǁ ƗǁǴƬǗƒ

ÜDžŏùǂơ!ƒ þùǁƵ) .NJƙŏùƬPƬ ƘǴdžƪĂ ƘǴ5Ƭ Ŏ5 ƘƒƧŏƺƙ Ĭ!ǫ Ĭƙơ ǴdžǁƧĂ ÜǀǴŏơǁ! ƒ PƬ!ƒ ƧĂƯǇdžĂ

(1Ü2012

ǇƵ ǀƧǴǁƵ ǁ!R! ǂ5ǴưǫĂNj ǴdžǇǫĂ ÜƱǀ5 ǖŏĂưƵ ǖƛþơ Ʃŏ! Ư Ƨďž!ƒ ǇD YǴdžƙŋǗƒ ǇǴdžǁƶ ăƧŏĂ

Ư Ƨùďž!ƒ ýƒƨùƙPƒ ǇD ǇǴdžǁƶ!ƒ þǀƙƶŏĂ ÜƗŏ5ǴǀƛĂ ƗŏƵǴdžƙŋƒ ƘƒƧŏƺƙdž ǀþƶǁ ƱǁƙƧƙ ǀþǀƶdž ƗŏƵǴdžƙŋƒ ǀƧNjǴƯ

[illegible] .(2013Ü [illegible]) .[illegible]

[illegible]

[illegible]

(121Ü2000

[illegible] "

[illegible]

[illegible]

[illegible]

".(196Ü 1997Ü [illegible]) [illegible]

[illegible]

[illegible]

[illegible] illness [illegible]

[illegible]

[illegible] disease [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] .Malingeers [illegible] diseased [illegible]

Ǐ ù ư Ƨ dž ſĂ ù ʅ ŏ! Džnjǉǆ ĆŰƋǊ Ƨ Ƭ ǩ Ǥdžǉŏ diseased Ǐ ư Ƨ dž ǂ ƥſƧ5Ǖſ Ư ƶ ĆǤƱǕſ ƒ ƤTŏ ăƧƤ

.(ǂùǩlz!ſ Ư ſƧùdžǕſ ƘǤơƬdž Ǐ!ǫ ǯƧʅp ƒ ǤƤTǕſ Ư ƶ Ǥnjŏ5 ƥǤklŏ Ŏk!ſ ƘŬǤơ!Ǥǂ) ƽűƱǗſ Ǐ Ƶ

(Tuckett,1976)

: ƒ ƥDžǂ Ǐ ǵƯ Ǐ ǶǊǅǊǏǤ !ǊǅDžDž

ƽùƱŏ Ǥdž ĂD Üƽŏpƥ!ſ ŎƞĂ!ĂŏʅƼ!ſ ǇƨſĂk!ſ ǇJdž ǂ!Ǥơ Ŏ5 Ŏơ!ſ ǇǅǤǂ! Ŏƶŏ Ʊ!ſ ƴư Ă!ſ ƴλdžkŏ "

ƴùƤſƥ lƥlƶdž ƘǤdžƨǇǤǂŏdž ǂƱʅſĂ ǂǩĂŏơ!ſ ƘǤŏdžƶ!ſ ƧſƧdžkʅſ ǂŏơ ǇJdž homeostasis ǇſƨkŬſ ǊŏƵ

Ŏùk!ſ ƘǤùdžƨŏǇǤǂŏdž!ſ ƴùƱƶk Ǐ Ƶ ǂkƧkdž!ſ ǋǅǤkǉ!ſ Ŏ5 Ư Ƨdž! Ŏnjŏƥ!ſ Ǐǉƶdž!ſ ƴλdžkŏ Džλ ǇJdžĂ ÜDžʅƞ!ſ

".(31Ü1996 ÜƴŏƤ) Ŏơ!ſ ǇǅǤǂ!ſ ƴƤſƥ Ŏǉƥ!ſ ǇſƨkŬǤ Džǂơkk

Ŏùk!ſĂ ĭĂ ư ƶ!ſ ƻſƧơǉŬſ ǂ!Ǥơ Ǐ!ǫ ƧŏTŏ Ư Ƨdž!ſ ǇJ"ƥŏ5" ăƧŏ ƽƱǉdž!ſ ſȐǊ Ǐ Ƶ ǯƥǤdžkƵſĂ

ĂùǊ ǉǤùǉƶdž Ŏ5 Ư Ƨdž!Ǥ5 ÜSymptoms Ư ſƧƵǕſĂ Signs ƘǤdžűƶ!ſ ǇJdž ǂƵĂdžƞdž ǤǊƥŏƥơk ǇǂdžŏDž ùnj5 DžkŏĂ ÜǊǇkƽŏƲĂ Ŏ5 ǁǤkƧſ ĂD ƔſƧƱ ư ſ ǂ ƥơŏ ǂŏơ ÜǊǇſƨƞD ƥơD ĂD Džʅƞ! ǂǩĂʅ!ſ Ƨŏʒ!ſ ǂ!Ǥơ!ſ

ǂù!Ǥơ!Ǥ ǂùƱkƧdž!ſ ǂùǩƱ!ſ DžŏǊǤùƽdž!ſĂ ǂŏƵĂ ư Ădž!ſ ŎơſĂǉ!ſ Ǐ Ƶ ƨŏǂƧk!ſ ƴűƤ ǇJdž ǮǩƱ Ư Ƨdž!ſ

(2013Ü DžŏƲƶ!ſ ƥƵ).Džʅƞ! ǂŏĂ ư ƶ!ſ

lƧùƤ ŎùǊĂ ÜƯ Ƨùdž!ſ Ǐ Ƶ ǂ!Ŭƥ! ǂŏƥŏǁk ǂŏƱ ƘǤǂơdž ǂ űλ "ƩŏĂ! ĭƧĂD" ƥƥơ ƥ!Ă "

ƽù5ſĂkĂ ÜDžùʅƞ!ſ ĆǤùư ƵD ƥơD Ŏ5 ƘǤſƧƱ ư Ŭſ Ư ƶ ƥĂƞĂĂ ÜƯ Ƨdž!Ǥ ƧĂƶT!Ǥ ǂŏkſȐ!ſ Ư ŏƧdž!ſ

ƧĂùƲǉdž!ſ ƽù5ĂǇ Ư ŏƧùdž ǇĂǂŏ ƒ ƤT!Ǥ5Ü Ɣŏ Ʊ! ƻĂƧƶdž Ŏǂŏǉŏǂǫ ǶȐĂdžǉ ƴdž Ư Ƨdž!ſ Ư ſƧƵD

ƴdž Ŏǉdžƶdž!ſĂ ŎƱ!ſ ƒ ơ5!ſ ǇƵ ǂƞǤǉ!ſ ƘſƧTƋdž!ſ ĂD ǉſĂǂTĂ Ǌư Ƨdž Ư ſƧƵD ƽ5kk Ǥdžƥǉ Ƶ -ŎƱ!ſ

Ƕűù Ƶ ǇƎù5 ÜƯ Ƨùdž! ǂùŏƞĂ!Ăŏ!ſ - ǂŏƱ!ſ ǂŏƋƧ!ſ ǉȐǊ! ſƥǤǉkʅſĂ .ƔŏƱ!ſ Ǌ5Ƨƶŏ Ư Ƨdž! ǶȐĂdžǉ

ƘǤùŏdžƶ!ſ Ŏù5 ƴƤƥùk! Ȑù Ƥkk ƘſĆſƧƞſ ƽŏƧƱ ǇƵ Ŏǉŏƨŏ5!ſ ƴƤƥk!Ǥ Űǫ Džkŏ Ű ǂŏ ư Ƨdž!ſ ƘŬǤơ!ſ

[illegible] ".(106، 1992، [illegible]) [illegible]

[illegible] :

" [illegible] ".(33 ،2006، [illegible]) [illegible]

" [illegible] ".(49، 2006، [illegible]) [illegible] ".(33،2006،[illegible])

: [illegible]

"[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

".(34، 2006 [illegible]) [illegible]

[illegible]

[illegible]

[illegible]

[illegible] (1977) [illegible] Pflanz [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] .(2013، [illegible]).[illegible]

[illegible]

[illegible]

.(3 [illegible]) .[illegible]

".(30-29 ،1980

(Ember, 2004).

[illegible] 1979 [illegible]

".(10-9

[illegible]

(Maykonich , 1980 , 14)

[illegible]

[illegible]

(S.turner,1987) [illegible]

[illegible]

(ar.wikipedia.org)

[illegible]

200 ...

(45-42

...

(Maykonich ,1980 ,19).

...

(2011 ...

".(35-34، 1991

".(151، 1999

(Sympathy)

".(36، 2006)

".(55، 1983)

(B.hammond , 1964)

".(74، 1992)

".(203Ü 2006Ü ýöP)

(Helman,2000).

[illegible]

(2001، 56)

(2013)

(1996، 137)

[illegible]

[illegible] (Rogers&others ,2011).

[illegible]

[illegible] (Vassilev I & others,2013) [illegible]

"[illegible] ".(84 ،2007 [illegible])

[illegible]

[illegible]

[illegible] ".(223-222 [illegible] 1986 [illegible])

[illegible]

[illegible]) pain as emotion [illegible] pain as sensation [illegible]

[illegible]

pain [illegible]

[illegible] receptors

[illegible] Wall & Melzack [illegible]

[illegible] (2012 [illegible])

[illegible]

[illegible] (59 [illegible] 2001 [illegible])

[illegible]

[illegible]

ǇùǆĂ ÜƇƠ5ùT!ƒ ƘƒƇƒƧùŋƒ Ăơǉ Ƨŏǐ!! ƘƒĂƱƤ ƦƠƤƙƒ ǅþƵ ƴƞƱ!Ơ Ŏǉžŏ ǉƧƠǂǉǫĂ ƯƧǆ!Ơ ƨƒƧƙƵŰƒ

ǁƠùǉǋĂ .Ĭ5ƠžǆƠǆŏǐǐ ǊǉĂǂ ǇǆƧƛǂǅ ƠưŏƧǆ ǊǉĂǂ ƠưƧ!ƒ ĬǐƵ ýƮơŏ ƒ ƤT!ƒ ƒƦǋ ýƛǆ ǇǅŎžŏƞƱ!ƒ

ÜƯƧùǆ!ƒ ƠǌùưƧ5ŏĂ ƠǌžưŏŎƙ!ƒ þĂþơ!ƒĂ ƘƠǆƒƨƙ!Űƒ ƴŏǆŋ ýǸǀƙŏĂ ÜǊưƧǆƞ ƨƧƙžŏ ƧƤƥ ƠưŏƧǆ

ǂùǀŏƧƱƞ ƔŏŋƙùǐŏþþƧƤƈ ƯŏƧǆĂ ÜƇƠ5Tǐ!ƠǌǀŏƧƱ Ŏ5 Ƨŏǐ!ƒ Ăơǉ ǊƙƒƧþþǊŏŋĂƙ ĬǐƵ ƪƧþƠþƠƞƮŏ5

ƨùŏǂ ƒĂùǆǐžƙ þùþ ƒ ƠƤTŰƒ ƯžƞǇƎ5 ƧƤƈ ýƠǌǆĂ .ƇƠ5T!ƒ ƨþƒĂǆĂǅ ƯƧǆ!ƒ ƨþƒĂǆ Ŏ5 ǂ5ǐƙƤǆ

ƧùƤŰƒ ƯžƞùǃƒĂ ÜƘƠǆƨŰƒ ǇǆƧþþ ýþǆƞǉƧŏƹĂ ƯƧǆ!ƒ ƇƠǉƛǅ ǅǌǌǌŋƒĂƙ Ŏƙ!ƒ ƱĂƺư!ƒ ĬǐƵ ǇĂƞǐƺƙŏ

ƱĂƺùư!ƒ ǉƦǋ ǂǌŋƒĂǆ ĬǐƵ ǀƧþǀ!ƒ ǉþǀ5ƙĂ ÜýǐT!Ơ ǊƞŏƮƙ þþ ǀƧŏƱƤ ǂŋƧþ! ƘƠþĂžǆ!ƒ ǇǆƧŏƛǂ!ƒ ǊŏƥƝ

".(40-38 ü1991 üƨĂǐƤǆ)

Ŏ5ŏƲĂù!ƒ ƇƒþŰƒ ýùƱžƙĂ ǇƠùǐǉǘ! ǂùŏƵƠǆƙŋŰƒ ƧƒĂþŰƒ ƇƒþǅƝ ƴƱžƙ Ĭ!ǫ ƯƧǆ!ƒ ĭþƋŏĂ "

ƴùǉǆƙ ǂŏǆùǐŋ -ǂŏĂùưƵ ýǆƒĂƵ ǇƵ ƠŋƙƠǉ ǇƠǂ ĭƦ!ƒĂ ÜǊưƧǆ ǂǐơƧǆ Ŏ5 ǇƠǐǉŰƒ ƒƦǌ! ƯƧƙ5ǆ!ƒ

Ŏǆǐŋ!ƒ ĭĂưž!ƒ ƯƧǆ!ƒ ƔơƠƮŏĂ ÜǂƙþƠŏƙƵƒ ǀƧĂƮƞ ƴǆƙŋǆ!ƒ Ŏ5 ǉƧĂþ ƇƒþǅƝ ǂǐƮƒĂǆ ǇǆƧ ƯŏƧǆ!ƒ

ƧĂžùT!ƒĂ ƨĂƤ!Ơǂ ǂ5ǐƙƤǆ ǂŏǆǐǐ ƧƵƠTǆ ǂƑŏǋ ĬǐƵ Ăþƞƙ ǂŏǐ5ǉ ƘŰŭƙƤƒ ĂǅƝ ƘŭǂTǆ ǀþƠƵ ǇƠǐǉǘ!

ǀƧĂƮƞ ǊƞǉƠŋƞ ƨǀŏ ǇǆƧ ǀƧƙ5!ƒ ǉƦǋ Ŏ5Ă ǂ!Ơơ!ƒ ǉƦǋ Ŏ5 ƯŏƧǆ!ƒ ƜƠƙơŏĂ Ü ƒ ǀǉ!ƒ ĂǅƝ ƔǉƦ!ƒ Ăƒ ƨŋž!Ơ

ƴǆ ƔĂƠŋƙŏ ǇǅĂ ÜƯƧǆ!ƒ ýǀƙŏ ǇǅĂ Üǂ!Ơơ!ƒ ǂǌŋƒĂǆ ĬǐƵ ǂŏƙƒƦ!ƒ ǊƙƒƧþþ ǎĂƙǐǆ ǇǆƧ ƴ5Ƨƙ ǂŏǉ5 ǂŏǉǌǆ

ǂùŋ!Ơžǆ!ƒ ƧƠƱǫ ƜƧƠƤ ƯŏƧǆ!ƒ ƴǆ Ŏǉ5!ƒ Ŏǉǌǆ!ƒ ýǆž!ƒ ǂǐƮƒĂǆĂ ÜƇƠ5Tƙǐ Űƒ ƘƠŏưƙǀǆ! ƠǀƎĂ Ɯŭž!ƒ

ĬǐƵ ƪƧþƠþ ƯŏƧǆ!ƒ þĂžŏ Ŏǂ! ÜǊǆ ǂƮƠƤ!ƒ ǂŏþƠƮƙþŰƒĂ ǂŏƵƠǆƙŋŰƒ Ŏơƒǉ!ƒ ǂŋ!Ơžǆ ƧƠƱǫ Ĭ!ǫ ǂŏƞƱ!ƒ

".(29 ü2008 üǂƞŏƒƧƺ) ŎŋƠǉŰƒ ǊǐǆƵ ƘƠǆǐƱƙǆ ĂǅƝ ǊƙƐŏƲĂ ƇƒþƞƠ ǅƠŏǀ!ƒ ĬǐƵĂ ŎƵƠǆƙŋŰƒ ǉƧĂþ ƇƒþǅƝ

".(119

".(32

(2011).

(Kleinman ,1980 ,2)

".(167، 1992)

".(195-194، 2011)

[illegible] Principle of culture relativity [illegible]

".(228، 2011

[illegible]

".(44، 2002، [illegible]

[illegible]

2006 ... 187

[illegible]

[illegible]

[illegible]

[illegible] (Staiano ,1986)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] semiotics [illegible]

[illegible]

[illegible] symbols [illegible]

[illegible] (138 [illegible] 1996 [illegible])."

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Richman

[illegible]

".(139، 1996 [illegible]) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] :illness behavior

[illegible]

[illegible]

[illegible]

[illegible] .

[illegible]

[illegible]

[illegible]

[illegible]

(Mchugh&Vallis ,1985 ,1) . [illegible]

".(141، 1999 ...)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (51-49Ü 1994Ü [illegible]).

[illegible]

[illegible]

[illegible] .(178 f Ü 2004Ü [illegible])

[illegible]

[illegible]

ŧùǉĂǴƶdž!ƒ ǇƵ ŧ ơ!ƒ ýɳ ǇdžŎƶʅ!ƒ ýƥƶdž ƥƒƥƨƒ ǇdžĂ ǀƧĂƱƤ!ƒĂ ŧŏƥɳ! ƩǴʅơŰƒ

(143 ƒ Ü2004 ÜǇĂƧƤčĂ ƥdžơdž ŎƵ) ŧŏƱ!ƒ

ŧƵƧùʅ Ŏ5 ƧǮ ŎƙƒýdžƒĂƶ!ƒ Ǉdž : ƯŏƧdž! ŎƵǴdžɳŰƒ ƱǴƬǉ!ƒ ĬƵ ƯƒƧƵŰƒ Ƨŏƙ -ш

ǇǴù ŧ ǴƒĂʅ ÜǴƵ ǊɳĂ ǊǴŏơ ĬƵ ƯƧdž!ƒ ƒǋ ƯƒƧƵ ƧŏƙƯƧdž! ƯŏƧdž!ƒ ŧǴɳƙʅƒ

ƧƶùƬŏ Ǵùdžǉŏơ5 ÜǊùʅƧǴdžŏ ƧƤč ŎƵǴdžɳƒ ƱǴƬǉ ĭ ĂǊdžƵ ĂǊƙƧʅ ĬƵ Ƨŏƙ!ƒ ƒǋ

ǉùnj! ƔŏɳƙʅŏǊƙǴŏơ ƔǉƒĂɳ Ǉdž ƔǉǴɳ ĭ ĬƵ Ƨƙ ƸĂʅ ƯƒƧƵŰƒ ǉǋ Ǉ ƯŏƧdž!ƒ

ǊùƙǴŏơ ƩƧǴdžŏ Ǉ Ǌ ýŏƱƙʅŏ шŭƵ ǊǴƱƵŰ ƔŏƱ!ƒ Ĭ!ǫ ƔǴǊǋ!ƒ Ĭ!ǫ ƳƧʅŏĂ ƯƒƧƵŰƒ

.ƘǉǴŧ Ǵdžŧ

ƯŏƧùdž!ƒ ŧǴɳƙùʅƒ ŧƵƧùʅ ĬùƵ ƥƵǴʅŏ ƧƤč ýdžǴƵ ǁǴǉǋĂ : ƯƒƧƵŰƒ ƧĂnjƲ ƧƒƧŧƙ -ƥ

ǀƧƙ5 Ǉdž ƯƒƧƵŰƒ ƧƒƧŧƙ ĂǋĂ ŧdžƨŭ!ƒ ŧŏƱ!ƒ ŧŏǴƶ!ƒ ǇƵ ŧ ơ!ƒ Ĭ!ǫ ǊƵƒƧʅǫĂ ƯƧdž!

ǇùdžĬùƤƙŏ Ŏŧ! ƔŏƱ!ƒ Ĭ!ǫ ƯŏƧdž!ƒ ǴĂɳ! ŧƵƧʅ Ĭ!ǫ ĭƥƌŏ ƧƒƧŧƙ!ƒ ƒǋĂ ÜǀƧƙ5 Ĭ!ǫ

(179 ƒ Ü2004 ÜƧdžƵ). ăƧƤ ǀƧdž ƯƒƧƵŰƒ ǀƥĂƵ

ƽùƵƶƙŏ Ǵùdžŏ5 ƥƒƧù5Űƒ ƸŭƙƤǴù ǇŏƧƤŮƒ ƠdžǴʅƙ ƘǴǉǴŧdžǫ ƸƙƤƙ :ƠdžǴʅƙ!ƒ ƘǴǉǴŧdžǫ -ǉ

ăƥùdž Ŏù5 ŧùŏ5Ǵǀ!ƒ ƽĂƨ!ƒ ƧǮƙĂ ÜŎơƮ!ƒ ýŭƙƤŮƒ ƧǋǴƲdž Ăǋ ŧŏư Ƨdž!ƒ ƯƒƧƵŰǴ

ƥƥùơƙŏ ǇǊ ǇŧdžŏĂ ƥƒƧ5Űƒ Ưƶ ĬƵ ĂƥƙŎƙ!ƒ ĭĂʅ!ƒ Ƨŏƹ ǁĂʅ!ƒ ƧĂƮ ǉǴɳƙ Ơdžʅƙ!ƒ

ÜǇŏƧùƤŮƒ Ǉùdž ŧ!Ăǀdž!ƒ ŧdžǴƶ!ƒ ƘǴƶpĂƙ!Ǵ ǁĂʅ!ƒ ƒǋ ƱǴƙƧƒ ƩǴʅ ĬƵ ƸŭƙƤŮƒ ƒǋ

ƒ ƤùƬ!ƒ Ăùơǉ ŧŏƮƤƬ!ƒ ýĂŏdž!ƒĂ ƘǴǊǴɳƙŮƒ ĬƵ ǴưŏǊ ǁ!ǋ ƥdžƙƶŏ Ǌǉ Ĭ!ǫ ŧ5ǴưŰǴĂ

(2004 ÜǇĂƧƤčĂ ƥdžơdž ŎƵ) . ƯƒƧƵŰƒ ǊŏƵ Ăƥƙ ĭǋ!ƒ

أ- [illegible]

[illegible] .(179 [illegible] 2004 [illegible])

ب- [illegible]

[illegible] (2004[illegible]

ج- [illegible]

[illegible]

د- [illegible]

[illegible] (144 [illegible] 2004 [illegible]).

[illegible]

[illegible]

[illegible]

:symbolic interactionism theory [illegible]

[illegible]

LJĂƧùƤƥĂ Ŏùƕǁŋ) .Ďǌǂ Ăǁ٦ ƱǴdžLjDĂ ƧTƕ!f ƘǴƨŏƧƶk Ƨŏŏʓk ýǚƤ LJdž ǂŏLjƕǕf ǁǁk ƧŏĂơkĂ Ƨŏŏʓk Ĭǁ Ƶ

"(2001Ü

LJdžù ưkŏ ǂ ùŏơ ÜǂʅfƧƥǁ! lƥơĂ ljƧǴƕkƵǴƕ ŎƵǴdžkƞǓf ýƵǴƨk!f Ĭǁ Ƶ ǂŏƨdžƧ!f ǂŏǁƵǴƨk!f ƨǂƧkĂ "

Ĭùǁ Ƶ ýdžkùTk Ŏùk!f LJŏƧƤǓf ýdž ǋkpǚƵ ƧǴƕkƵǓf LJŏƶƕ ƦƤǕf ýdž ŎLjǴʅLjǗf LJFǴǂ!f ýƶ5 ýƵǴƨk!f ǁ!Ʀ

Ƨùʎǂf ǋùLjD Ĭǁ Ƶ ŎLjǴʅLjǗf LJFǴǂ!f ƧǌǙŏ Ďʎ LJdžĂ ÜǗưŏD Ďǌ! ǋkƕǴƞkʅfĂ ýƶ5!f ƥƧ ĂD Ƨŏʅ5k!fĂ ǁfƧƥǗf

".(2004Ü LJĂƧƤƥĂ ŎƱǴƶ!f ƥƕƵ) ƱǴTLjĂ ǂŏdžǴLjŏƥ

ǂùkpƊdž!f ǂŏLjǋƦ!f ƘfƧĂƮk!f ýʎdžʎ Ŏk!f ƘfƦ!f ǴǌLjdž ƘǴƵĂưĂdž lƥƵ LJdž ưkŏ ĭ ƨdžƧ!f ýƵǴƨk!Ǵ5

ǗùkǴƕʎ Ƨʎǂ Ǖf ǴƧdž!f ƘfƧĂƮk Ĭǁ Ƶ ǗưŏD ƘfƦ!f ýƥkĂ ÜLJŏƧƤǓf ƘfǴǴdžŏǫ LJdž ýƵǴ5!f ǴǌƮǁƤkʅŏ Ŏk!f

ǗùưŏD ǂùdžǴǌ!f ƘǴƵĂưĂdž!f LJdžĂ .ýƵǴƨk!f ǴǴLjʎD ǋƞdžƥŏĂ ýƵǴ5!f ǋdžƥlŏ ǗƵĂưĂdž ljƧǴƕkƵǴƕ ǋʅ5Lj LJƵ

ǋùƞĂk! ƥùƞĂk LJD LJǂdžŏ Ŏk!f ƧŏŏǴƶdž!fĂ Ďŏl!f ýǴʎdž!f ýŏƕʅ Ĭǁ ƵĂ ÜƘǴƶpĂk!f ǂŏLjƕD LJdž ăƧƤǓf ƱǴdžLjǕf

Ŏù5 ǋùʅ5Lj Ďơlŏ LJD LJdž ǋLjǂdžk Ŏk!f ƨĂdžƧ!f ǂƹǴŏƮ Ĭǁ Ƶ ŎLjǴʅLjǓf LJFǴǂ!f lƧƥp Ĭ!f ǂ5ǴưǓǴƕ ýƵǴƨk!f

ĂD ƧŏŏǴùƶdž!f LJdž ǂƵĂdžƞdž Ăf ƧƤc ǗƮƤT YĂưĂdž!f fƦǌ LJǴǂ ǴfĂʅ ÜýƵǴƨk!f ǴǴLjʎD ƧƤf YĂưĂdž ĭD

Ŏù5 ƘǴƵĂùưĂdž!fĂ ǁĂʅ!f ǴfƥD Ĭǁ Ƶ ǂ5ǁkƤdž ǗdžǴǂơD LJĂǁƵǴ5!f Ƨƥ Ʈŏ Ŏ!Ǵk!ǴƕĂ ÜƘfƦ!f ƥǴƶƕD LJdž ǭƥƶƕ

LJùdž ǂùƮǴƤ ƘǴùƵĂdžƞdž Ĭǁ Ƶ ǭƥǴdžkƵf ƨpĂdžǁ! ƨŏƧƶk Ĭ!ǫ ýƵǴ5 ýǂ ýƮŏ Ďʎ LJdžĂ ýƵǴƨk!f ƨpfĂdž

(2000Ü ƧLjƧŏk). ǁĂǁʅ!f ǴfƥD Ŏ5 ǂǁƶkdž!f ĎǴǂơǕfĂ ƘǴƵĂưĂdž!f

ƘfƦù!f ăƧùŏ ǋùLjǫ .ǂŏƨdžƧ!f ǂŏǁƵǴƨkǁ! ǂƕʅLj!Ǵƕ ǂŏƨǂƧdž ƘfƦ!f ýĂơ ƥŏdž ƧǙLj ǂǌƞĂ ƧƕkƶkĂ "

ǂùŏǁdžƵ ýùʎdžk Ǵùǌ Lj ǫ .Ǵùǌ! Ɣŏƞkùʅ ŏĂ ƘfƧŏʎdž!f Ĭǁǁkŏ ǗŏƕǁʅǴ ǴǴƵĂ ǂƱǴʅƕƕ Ƙʅŏ!Ă ÜǂǁƵǴ5 ǂŏĂưƶǂ

Ŏk!f ǂŏkfƦ!f ljƧĂdžD Ĭ!ǫ ŎƵǴdžkƞǓf ýƵǴ5!f ƧŏTŏ Ǵǌ!ǚƤ LJdž Ŏk!fĂ ÜƘfƦ!f ýƵǴƨk ǂŏǁdžƵ ǴǌLjǫ .ǂŏƵǴdžkƞf

".(334-332 ،2011)

(1998، 189) ."

".(2011، 337)

(puddephatt,2009)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (M.burbank&C.martins,2009).

[illegible]

[illegible]

".(2011،355 [illegible])

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

".(327 [illegible] 2011 [illegible]) [illegible]

[illegible] 2009 [illegible]

".(249-248

[illegible]

[illegible]

: Sick Role [illegible]

[illegible]

".(98 ٍ 2011 ...)

... wolinskyý

(K.Laconetti,2012).

(Michele,1989).

(Segal,1976).

1.

(K.Laconetti,2012).

2.

(K.Laconetti,2012).

3.

ƘǴù ǂǒƧĂ!ƒ) .Ǒơù Ƭ!ƒ ƴǜ ưĂ!ƒ ƒƦùǊ ǇĴùǆ ƒ ǐƤǩù!ƒ Ǝù!ĂǴơǆ ǇĴĂƥùǶ Ǒư Ƨǆ!ƒ ƧĂƥ!Ǵ

(78 ƒ Ü2011Ü

ýùǶ ǇĴĂǴùƶǩ!ƒĂ Ƈ Ƨ ù ǂ!ƒ Ɣǒǈ Ʊ!ƒ Ǝǒƌ Ƨ Ǒ5 Ʊ!5 Ʃǒ! ǉƥǌǉƞ ýƦǈǒ ǇĴ Ư ǒƧǆ!ƒ ƒ ƤƬ!ƒ Ǐǐ Ƶ .4

ƳǴùǉǩǆǛƒĂ ǉƥƵĂǆ Ǒ5 ƇƒĂƥ!ƒ ýĂǴǉǩ Ǒǉƶǒ ƒƦǊĂ Ü Ư Ƨǆ!ƒ ǇĴǆ ƒ ǐƤǩ!ƒ ýƞ ǇĴǆ Ǌƶǆ ǇĴĂǴƶǩ!ƒĂ

ǊùǩǴǒơ Ʊùǆǉ Ƨùǒƺǩǒ Ǒ!ǴùǩǴǈĂ ÜǊù ưƧǆ ƴùǆ ƾùǩǩ Ǜ Ǒùǩ!ƒ ƎƱƬǉǛƒ Ư ƶǈ ǈǴǒ!ƒ ǇƵ

(78 ƒ Ü2011ÜƘǴ ǂǒƧĂ!ƒ).ǊǩƱƬǉƒĂ

Ƙùþ Ă!ƒ Ƨǒ!Ǵǂǩ ǉƧǴǩƵƒ Ǒ5 ƴưǒ ǊǐƶƞǒƧĂƥ!ƒ ƒƦǊ ǉƦƤǇ ƥƧƞǆǈ Ư ǒƧǆ!ƒ ǇĴ ǇĴĂƪǉǈĂƧ ăƧǒĂ

Ǵùǆǂ ÜǛǘùƶ!ƒ ǇĴùǆ ǊǒǐƵ ýƬơǒ ǐƦ!ƒ Ǵǆ ǉƧǴǩƵƒ Ǒ5 ƴưǒ ǇĴ ǇĴǆ Ƨƛǂǅ ǊǐǆƵ ǇĴǆ ǉƨǴƞƒ ǉƦƤǆǒ ǐƦ!ƒ

Ǝù ƬǴƤǈĂ Ư ǒƧǆ!ƒ ƧĂƥ! ǉƦƤǇ ǅƥƵ Ǐǐ Ƨƛƌǒ ǅǌǆ ýǆǴƵ ƧǈǩƶǒǎǒǴǆ!ƒ ƥƧƒĂǆ!ƒ ǇĴƒƥ!5 ǇĴ Ǵưǒǅ ăƧǒ

Ƨǒǈǂ ƥƥƵ ǇĴǈ 1967 ǅǴƵ ǴǊƒƧƞǅ Ǒǩ!ƒ ƎƪƒƧƥ!ƒ Ǒ5 Cartwright ăƧǒĂ .ǊǩǐƑǴƵ ǇƵ ǛĂƑƪǆ ǇĴǴǂ ƒƦ

ǅǌùưƒƧǆǅ ǇĴ ǇĴĂƧǒ ǅǌǉǛ ǇĴǒǒƧƒƥ ǅǊƧƛǂǅ ƎǐǆǴƶ!ƒ ƘǴǀǈƱ!ƒ ǇĴǆ Ɣǒǈ Ʊ!ƒ ǇĴĂƧĂƨǒ ǇĴǒƦ!ƒ ƒ ǴƤƬǛƒ ǇĴǆ

ǉƥƵǴƪǩ Ǵǆǉǥ ƧĂƥ!ƒ ƒƦǌ! ǊǒǉǈǩĂ Ư ǒƧǆ!ƒ ƦǴƤǩǴ5 ÜƔǒǈ Ʊ!ƒ ǇĴǆ ƎǒǈƱ ǉƥǴǌƬ Ǐǐ Ƶ ǅǌ!ĂƬơǈ ǁ!ƦĂ ƎǒƵƧƬ

(185 ƒ Ü2004ÜƧǆƵ) .ǑƬƤƬ!ƒ Ǌǂ ĂǐƪĂ ǊǩǴ5ƧƬǩ! ǑƵƧƬ Ɣǈƪ ƥĂƞĂ Ǐǐ Ƶ

ÜǊù ư Ƨǆ ǇƵ ǛĂƑƪǆ ǉƧǴǩƵƒ Ǐ!ǫ ǐƥƌǒ ƴǒƧƪ ǙǛƵ Ǐǐ Ƶ ýĂƬơǐ! Ư ǒƧǆ!ƒ Ǒƶƪ ǅƥƵ Ǉǫ

ǇĴùǆ ǁù!ƦĂ ÜƎǒǈǐƪ!ƒ ƧǴƛǛƒ ǇĴǆ ƥơ!Ǵ ƨǒǆǩǒ Ư ǒƧǆ!ƒ ƧĂƥ Ă .ǊǒǐƵ ƘǴǈĂǀƵ ƴǒþĂǩ Ǒ5 Ɣǈƪǩǒ ƥþ Ǵǆǆ

ǉƧù ǂ5 ǊùǉƵ Ǒ5ǉǒ ýǴƶ5Ă ƴǒƧƪ ǙǛƵ ǇƵ Ư ǒƧǆ!ƒ ǂ ơǈ ǇĴǛǛ ǉƥǴƞ ƎǀǒƧƱǈ ǙǛƶ!ƒ ǇƵ Ǌƛơǈ ýǛƤ

ǉƧĂƥ ƇǴùǈƵǅ ǇĴùǆ ƒ ǐƤǩù!ƒ Ǒù5 Ư ǒƧǆ!ƒ ƎǈƩƧ Ǵǌǒ5 Ɣǈƪ!ƒ ǇĴĂǂǒ ƥþ Ǒǩ!ƒ ǉƧǂ5!ƒ ǁǐǩ Ü Ư ƧǴǆǩ!ƒ

(2007Ü ƥǒƪ!ƒ).ǑƵǴǆǩƞǛƒ

ŀþƵǴù ƪdž!ƒ Ɣùǁ Ʊ Ŏù5 ǊǋǋƧƒƧƿ ýdžƶƙ Ŏƙ!ƒ ǁǁƙĂ ÜƔŏǁƱ!ƒ Ĭ!ƍ ƔǴǋƦ!ƒ Ŏ5 ǴǈƶdžƙƞdžĂ Ĭ ư Ƨdž!ƒ ƩǴǈ!ƒ

Ǵùǈƶdžƙƞdž Ŏ5 Ĭ ư Ƨdž!ƒ þƒƧ5Ǖƒ ǴǌƽƲĂŏ Ŏƙ!ƒ ƾƧƱ!ƒ Ĭǁ Ƶ ƻ Ƨƶƙ!ƒ Ĭ!ƒ Ǵ ư ŏǅ ƗƪƒƧþ!ƒ Ƙ5þǋĂ . ƗŏǁƱ!ƒ

ƘƒƧĂùƲǈdž!ƒ Ɨǁ Ţ ăþdž Ǌǋƽƙ Ă ÜǈƧŏƪƽƙ ƧþǴ Ţ džĂ Ư Ƨdžǁ! ŎƙƒƦ!ƒ ƒ ŏƤTƙ!ƒ ǊǌǈdžĂ ÜǊǌ ư ƒƧdžǅ ŀƧƒþǛ

ƗǈŏƵ Ǉdž Ɨƪ ƒƧþ!ƒ ƘǈĂƗƙ þƿĂ .ƗŏǈǌǈĞ!ƒ ƗŏǁƱ!ƒ ƘƒƧĂƲǈdž!Ǵ ǴǌǁǴ Ţ ƙƒ ăþdžĂ Ü Ư Ƨdž!ƒĂ Ɨơ Ţǁ! ƗŏƶT!ƒ

ƒ ƑǴù Ţ Ƥ! Ɨùǁƛdždž Ɨǈŏƶ!ƒ ƘǴǴƞĂ ÜƔŏǁƱ 100Ă Ĭ ư Ƨdž!ƒ ƩǴǈ!ƒ Ǉdž þƧ5 300 Ǉdž ƗǈĂƗdž ƗŏƑƒĂTƵ

Ă .Ɨùŏ5ƒƧƺ!ƒĂ ƗŏǈǌǈĞ!ƒ ÜƗŏdžŏǁƶƙ!ƒ ÜƗŏƵǴdžƙƞǕƒ ÜƗŏƪǈƞ!ƒ ÜƗŏƧdžƶ!ƒ ƘǴŏĂƙƪdž!ƒ Ɨŏơ Ǉdž Ŏǁ Ɨ!ƒ ýdžƙƞdž!ƒ

ÜǴùŏǁƱ Ɨù ŢƤTdž Ƨùŏƺ!ƒĂ Ɨǁƶdž Ƨŏƹ Ư ƒƧdžǅ Ǉdž ǇĂǈǴƶŏ ǇŏþǴƶ!ƒ ƩǴǈ!ƒ Ǉǅ ƗƪƒƧþ!ƒ ǋƑǴƙǈ ƘƧǌƲǅ

ǅǴùǁƱǕƒ Ǉǅ Ǵ ư ŏǅ ƗƪƒƧþ!ƒ ƘƙǁƛǅĂ .ƗƵĂǈƙdž ƱǴdžǈǅĂ Ƨŏǁ Ɨ Ǌƞơǁ Ǌǋþǈ Ƶ ŀþĂƞĂdž Ɨŏǁƶ5 Ư ƒƧdžǅ ǴǌǈƗ!Ă

Ŏ5 ƗǁƑǴƺ!ƒ Ă ƩǴǈ!ƒ þǈƵ ǴdžƑƒþ ŀƧ ư Ǵơ! Ư ƒƧdžǕƒ Ǉdž þþƵ þĂƞĂǁ Ɨŏǁdžƶ!ƒ ǊǌƙƧǁƤ ýƪƒĂ Ǉdž ǇĂþǁƙƶŏ

Ư ƒƧdžǕƒ Ǉdž Ŏ!ǴƤ!ƒ ƒ ƤT!ƒ Ǉǅ Ĭǁ Ƶ Ǵ ư ŏǅ ǋƑǴƙǈ!ƒ ƘǁþĂ .Ǌǋƪ5ǈǅ Ĭ ư Ƨdž!ƒ ǈƧƧǁŏ Ǵdž Ƨǁǁdž ǊǋƙƒþǴŏƵ

ǋùdžþ ǁǴùǈǋ Ǉǅ Ĭ!ƍ ƗƪƒƧþ!ƒ Ƙǁ ŢĂƙĂ .Ǵǈƶdžƙƞdž Ŏ5 ǋ! þĂƞĂ Ǖ þǴƗŏ ƗǈǁƶdžƧ Ƨŏƺ Ă ƒ ƤTdž!ƒ Ƨŏƺ

Ŏǁƶ ùT!ƒ ƧĂùƲǈdž!ƒ Ŏù5 Ư ƒƧùdžǕƒĂ Ɨơ ù Ţ!ƒ ǇƵ Ǵŏ5Ǵǁƛ Ɨŏƞǖƶ!ƒ ƾƧƱ!ƒĂ Ɨŏǁǁƪ!ƒ ƘƒþǴǁƙƵǕƒ Ŏ5

Ƙƒþùŏ Ɨdžƙ! Ɨùǌƞ Ădž Ɨŏǁù ŢǅƘǴǈĂƗdžĂ ÜǴǴǁƱǖ! Ɨŏdžǁƶ!ƒ ƗŏƵƧ5!ƒ Ɨ5Ǵǁƛ!ƒ ýdž ƗǁdžǴƗƙdž ǅƒƺƞǅ ǴǋƧǴǁƙƵǴ

.ƗŏǈǌǈĞ!ƒ ƗŏǁƱ!ƒ ƗƪƧǴdždž!ƒ ƘǴǋǴƞƙƒĂ ƗŏǁƧƙ!ƒ

Ƙ5þùǋ " ƫ Ƨƞ ƗƲ5Ǵơdž Ŏ5 Ɨŏƞǖƶ!ƒ ƱǴdžǈǕƒ" ǇƒĂǈƶǁ (2002) ǊĂƙƶ!ƒ Ǵǈǁ ƘdžǴƿ ƗƪƒƧþ Ŏ5Ă

Ɨùŏƞǖƶ!ƒ ƱǴdžǈǕƒ þŏþơƙ! Ɨ!ĂǴơdž Ŏ5 Ü ƫ Ƨƞ ƗǁƱǈdž ýdžƙƞdž Ŏ5 Ɨŏƞǖƶ!ƒ ŀƧǋǴƲ!ƒ ǁǁŏƗƽƙ Ĭ!ƍ ƗƪƒƧþ!ƒ

Ŏùƙ!ƒ Ɨƿǖƶ!ƒ ýƗT ƒ ơ5 Ɨ!ĂǴơdžĂ ÜƘǖƛdžƙĂ ƘǴƪƧǴdždž Ǉdž ƗǁƱǈdž!ƒ ǇǴƗƪ ýǁƿ Ǉdž ǴǌŏƱǴƶƙ Ǌƙŏ Ŏƙ!ƒ

ƗùƲơǖdž!Ǵƍ ƘǴǈǴŏǁ!ƒ ýdžƞ Ŏ5 ƾƧƱ ŀþƵ ƗƪƒƧþ!ƒ ƘþdžƙƵƒĂ .Ǵǌƶŏdžƞ Ɨŏƞǖƶ!ƒ ƱǴdžǈǕƒ ǈǋƦǋ ǇǈŏǁƱǁƧƙ

Ɨù ƪƒƧþ!ƒ ƘƙǁƛǅĂ .ƗŏdžƪƧ!ƒ Ƨŏƹ Ă Ɨŏdžƪ Ƨ!ƒ ƗŏǁƱ!ƒ Ƨþǁ Ţ džǁ! ƗǈǌƒþŏdžǴ!ƒ ƘƒƧǴŏƺ!ƒĂ ÜƗǁǁǁǴǈdž!ƒĂ ÜƗƗƧǴTdž!Ǵ

[illegible]

[illegible]

[illegible]

[illegible] (2011) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 185 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (2013) [illegible]

[illegible]

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[illegible]

[illegible]

ƋōǁƤƒþ!ƒ ƋƑōŀ!ƒ ÜƔƧǴƥŰƒĂ ǛǴƥþƮŰƒ ƋōƮĂƙ ÜǇ!Ǵƶǆ!ƒ ƔōŀƱ!ƒ ƋōƮĂƙ ÜŎơƮ!ƒ ǈŎǆǆƙ!ƒ ÜƋǆþƤ!ƒ (ƧƶƮ)

ăþù! ǺǁŀùƮǆ ƋùǊĂǂǆ!ƒ ƋōƵǴǆƙƞŰƒ ǋƧĂƮ!ƒĂ ÜĬƽTƙƮǆ!ƒ Ŏƽ ƏƧƒĂƱ!ƒ ƘǴǆþƤ ÜĬƽTǆǁ! ƋōƞƧǴƤ!ƒĂ

ƘùōƧƞǅ þƥĂ .Ƌōƽƒƨƹ Ăǆōþ!ƒ ƒ ƑǴƮƤ!Ǵŀ ƋǆþƤƙƮǆ!ƒ ƧōōǴƶǆ!ƒ Ƌƥŭƶ ǴưōǅĂ ÜĬƽTƙƮǆ!ƒ Ĭǁƶ Ưōƨǆ!ƒ

Ŏùƽ ƋùƮǴƤ!ƒ ŎƽǴTǆ!ƒ Ŏƽ ǈōǁƤƒþ!ƒ Ĭưƨǆ!ƒ ǈǆ Ưōƨǆ 300 ǈǆ ƋǊĂǂǆ ƋǊōƶ Ĭǁƶ ƋƮƒƨþ!ƒ ǉƦǋ

ƘǴùǊǴōŀ!ƒ ýōǁơƙ ǄƛƙǄ ǈǆĂ ƘǴǊǴŀƙƮŰƒ ýōƹĂƙ ǄƙƙþƥĂ ÜƋƮƒƨþ!ƒ ýǆƙƞǆ ǈĂǁƛǆō ĬƽTǆ 31 ǴǋþþƶĂ ǈþƧŰƒ

.ƋǊōƶ!ƒ ƒ ƑǴƮƤ ƠōưĂƙ Ŏƽ ŎƽƮĂ!ƒ ǛǴƮơŰƒ ƔōǴƮǅ ƘǆþƤƙƮƒ Ǵǆǂ ÜǴōƑǴƮơǫ ƘǴōưƧƽ!ƒ ƧǴōƙƤĂ

ƧōōǴùƶǆ ǈĂǆþƤƙùƮō ǈþƧŰƒ Ŏƽ ƋƮǴƤ!ƒ ŎƽǴTǆ!ƒ ýǆ ǈōǁǆǴƶƙǆ!ƒ Ĭưƨǆ!ƒ ǈǅ Ĭ!ǫ ƋƮƒƨþ!ƒ ƘǁƮĂƙĂ

ƧōōǴùƶǆ ǈǅ ƧùǋƱƽ ǴǋƙōǆǋǅŎƽ ƘĂǴƽƙƙ ƧōōǴƶǆ!ƒ ǉƦǋ ǈǅĂ ÜĬƽTǆǁ! ǅǋƧǴōƙƤƒ ƧƒƨƤ þǊƶ ƋƮǴƤ ǋþþơǆ

ÜĬƽùTƙƮǆǁ! ƋùōǁƤƒþ!ƒĂ ƋùōƞƧǴƤ!ƒ ƋƑōŀ!ƒ ÜĬƽTǆ!ƒ Ŏƽ ƏƧƒĂƱ!ƒ ƘǴǆþƤ ÜƋōơƮ!ƒ ƋǆþƤ!ƒ ǋþĂƞ ýƛǆ

ǈǆǆǆùƙ!ƒ ÜǛǴƥþùƮŰƒĂ ƔƧǴƥŰƒ ƋōƮĂƙ :ýƛǆ ăƧƤǅ ƧōōǴƶǆ ĬƱơƙ ǴǆǊǆŀ ƋǆþǀƙǆǂǋƮǊ ƋōǆǋǆǄŀ ĬƱơƙ

2 ŭƙƤǴùŀ 2 ǁƙƤƙ Ů ƋǆþƤƙƮǆ!ƒ ƧōōǴƶǆ!ƒ ǈǅ ǺưōǅƋƮƒƨþ!ƒ ǉƦǋ ƘþƞĂĂ ÜƋǁōǁþ ƋōŀƮǊ ƋōǆǋǆǄŀ ŎơƮ!ƒ

.ƩǊƞ!ƒ ýǆǴƶ ƒþƶ Ǵǆ Ĭưƨǆǁ! ƋōƽƒƨƷǆōþ!ƒ ýǆƒĂƶ!ƒ ǆƱƶǆ

ǈùƶ ǋùƙǴƶƥĂƙĂ Ưōƨùǆ!ƒ Ĭùưƨ ǈōŀ Ǵǆ Ƌƥŭƶ!ƒ" ǈƒĂǊƶŀ (2013) ƋƮŀǴƶþǁ! ƋƮƒƨþ Ŏƽ Ă

ƋùƶǆǴƞ ŎơƮ ƨǂƧǆĂ ƠōƧƮ!ƒ ŎơƮ ƨǂƧǆ Ŏƽ ƋƮƒƨþ!ƒ ǉƦǋ ƘōƧƞǅ ."Ǌ! ƋǆþǀƙǆǂǋƮǊ!ƒ ƋōŀƱ!ƒ ƘǴǆþƤ!ƒ

Ĭùǁƶ ŎưƧƶ ýƱǀǆ ƋƮƒƨþ ǆƒþƤƙƮƒ ǆƙ (ǈþƧŰƒ ýǴǆT) þŀƧƒ ƋǊōþǆ Ŏƽ ƋōǊþƧŰƒ ǴōƞĂ!ĂǊǂƙ!ƒĂ ǆĂǁƶ!ƒ

ÜƯōƨùǆ!ƒ Ĭưƨ ǈōŀ Ǵǆ Ƌƥŭƶ!ƒ ǆōōǀƙ 2 þǋǊŀ Ĭưƨǆ 310 Ĭ!ǫ ýƮĂ Ƌōơ Ĭưƨǆ!ƒ ǈǆ ǆƑŭǆ þþƶ

þ!! ÜƯƨǆ!ƒ ƘǴƶƥĂƙ ƩǴōǀ! ǋþơƒĂ ƋƶĂǆƞǆ Ŏƽ ǆǊƶƱĂ ǆƛ Ǌ! ƋǆþǀƙǆǂǋƮǊ!ƒ ƋōŀƱ!ƒ ƘǴǆþƤ!ƒ ǈǅƶ ǋƙǴƶƥĂƙĂ

ƯƧùƹ!ƒ ƒƦùǊ! ǺǁŀƮǆ ƘþƶǄ Ŏƙ!ƒĂ Ưōƨǆ!ƒ ýǆ ƔōŀƱ!ƒ Ƌƥŭƶ ýĂơ ĂōþōƽþǋǴTǆ Ưōƨǆ ýǂ þǋǴT

ŎŀƱ!ƒ ǛƒƧƞŰƒ ƟƧT ÜƋōơƮ!ƒ Ƌǂ!Tǆ!ƒ ƟƧT ÜƯōƨǆ!ƒ ƧĂƶTǊ ǆǴǆǆƙǋǅŰƒ ÜǆƒƧƙơŰƒ ÜƋōƮĂƮƤ!ƒ ýƛǆ

(2005)

Ǚ Ɨùǉǆƨǆ!ƒ Ưƒƨǆǖ! ƗōƵǤǆǩƞǙƒ ƨǤǺǙƒ ǇǋǍ ÜƗƱƪǍǩǆ!ƒ ýǍƤþ!ƒ ƘƒƦ ƘǤƑ5!ƒ yǆ Ưƨǆ!Ǥƿ ƗƿǤƮǗǤƿ

ƨùōƩ ǀþùǆ Ʀǉǆ ƘǋþƩ Ɨǉǆƨǆ!ƒ Ưƒƨǆǖǚƒ ǇǋǍ ǏǋƵ Ɨƪƒƨþ!ƒ ƘþƗǋǍ .ƗōþǤƮǩþǙƒ ƨǤǺǙƒ ǇƵ ƗōǆǋǋƩ ýǀǩ

Ǒù5 ǁù ƗƑǩ!ƒ Ǎơǉ ǋƞǍǩǩ yǆǩƞǆ!ƒ ǁǍǋƪ Ǒ5 ƘǙǍơǩ!ƒ ǇǕ ǁ!Ʀ ÜƗōǋǋƪ ƗōƵǤǆǩƞƒ ǻþǤƶǋ ƦƤǩ ǀƨōƮþ

Ưƒƨǆǖ Ǥùǋ ǋǤǆǩǋǙƒ ǇǖōǫǍ Ʒƒƨ5!ƒ þƪ ǤǌǉǆƬ ǇǆƗōƵǤǆǩƞƒ ƘǤǆƱǉǆ þǍƞǍ þǌƬō ǋ! yǆǩƞǆ!ƒ ǇǋǇōơ

.Ɨǆƨǖ!ƒ ƗōǤǉƶǋ! ƔǍǋƱǆ!ƒ ƨǍþ!ǤǋǤōǀǋ! ǻōþǤƮǩþƒ ƗǉƗǆǩǆ ƨōƺ!ƒ ýƑƒƶ!ƒ ǇǆǤǆōƪ Ǚ Ɨǉǆƨǆ!ƒ

:ƿǏǤǆǋǙƐ ǀƑƨƐþǫǁƐ

Ǒù5 Ɨùō5ǤǀǻƖƒ ƽǍƨ5!ƒ ýǍơ 1952)Ü(Zbrowski Ǒ ƗƪǍƨƿƨ ǑƗōƨǆǚƒ ǋ!ǤƶǋǤ! Ɨƪƒƨþ Ǒ5 "

Ɨùǉōþǆ ƘǤō5ùƬǩƪǆ þùơǋ Ǒù5 ǋ!ǖ! ƗōǉǻǙƒ ýǤƶ5ǚƒ þǍþƨ ýǍơ Ɨƪƒƨþǋ ǋǤþ ƗōơÜǑưƨǆ!ƒ ǁǍǋƪ!ƒ

ýùǋǤǀǆ Ǒ5ƱǤƵ ýƗƬǋ ǋǌưƒƨǆǋ ǇƵ Ɨōþơ!ƒ Ǒ5 ƒǍƺ!Ǥǋō ǇǒōǋǤƱōǙƒǍ þǍǌō!ƒ ǇǋƯơǙ Ɨōơ ÜǁƨǍōǍǉ

ƨǤùƗǉǫ Ǐù!ǫ ƒǍǋōǆō ƗōþǉǋƨōǙƒ ýǍƮǚƒ ǏǍƦ ǇǋþƞǍ ǇōơǑ5 ƗōƵǍưǍǆ!Ǥƿ ƒǍƨōǆǩō ǏƦ!ƒ ǇōōƗōƨǆǚƒ

þǍùǌō!ƒ ǇǋƯơǙ ǋǌǆƑǤ5Ƭƿ ǇǍ5ǩƗō ǇǒōǋǤƱōǙƒ Ǐưƨǆ!ƒ ǇǋǑƗƪǍƨƿƨ þƞǍ ǁ!Ʀ ǏǋƵ ǀǍǖƵǍ . Ưƨǆ!ƒ

ÜƗùōƵǤǆǩƞǙƒ ƗƑƬǉǩ!ƒ ǏǋƵ ǤǤǉƿ ƽǍƨ5!ƒ ƨƪ5 þƥǍ ǑơƮ!ƒ ǋǌǋǀǩƪǆ ǏǋƵ ǋ!ǚƒ ǍǇ Ưƨǆ!ƒ ƨǻǆƿ ƒǍǆǩǌō

ƔǤùƶ!ǚƒ Ɨƪƨǆǆ ǇƵ ǋǋǉǻ Ɨ!ǍǤơǆǍ ý5Ʊ!ƒ ƗōǆơǑ5 ƗƺǤƿǆ!ƒ ǏǫƗō!ǤƱōǙƒǍ ƗōþǍǌō!ƒ ǋǚƒ ýōǆǩ ǀōơ

ǻþùōþǌǩ ýƗùƬǩ ǇǋǇǉùƗǆō Ǒùǩ!ƒ Ƶùþƒǆ!ƒǍ þƨùƿ!ƒǍ ƨǤƞùƬ!ƒ Ǐù!ǫ Ưƨùƶǩ!ƒ ƔǉƞǩǍ ǀƨƱƤ!ƒ

(106 f Ü2011ÜƘǤƗōƨǍ!ƒ)."ǋǌ!

ƗơƮ!ƒ ǏǉƶǆǍ ǀƨǍƮ Ƙ!ǍǤǉǩ 1984)Ü(dehouted &field þǋō5Ǎ þǤǩǍǋ ǏþýƗƪƒƨþ Ǒ5

ǇùǆǑpƨùƬ!ƒ ýǤǆùƬ!ƒ Ǒ5 ǇōƨǍǋ!ƒ ƗƶƱǤǀǆ Ǒ5 ƗǻǍơƿǆǍ ƗǍơƿǆ ƸǙǤ ƗƶƿƨǋǇǆ ƘǉǍƗǩ ƗǉōƵ ǎþ!

ǇǆƔǋƱ ƗōơÜ(ǑơƮǁǍǋƪ) ƗōƑǤþǍ ƗōơƮƘƒƨǤǩƤƒǍǋƘƒǤƒƨƞƿ ǋǍǀǩ ƗǉōƶǉƒƘǉǤƗƗōơÜǤƪǉƨ5

[illegible]

[illegible] (79 [illegible] 2011 [illegible]) [illegible]

[illegible] (2007) [illegible]

[illegible]

[illegible] (2007) [illegible]

[illegible] 536 [illegible] 11 [illegible] 39 [illegible] 994 [illegible]

[illegible] % 72 [illegible] 458 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

1- [illegible]

2- [illegible]

3- [illegible]

4- [illegible]

5- [illegible]

6- [illegible]

7- [illegible]

8- [illegible]

9- [illegible]

:ƕƨƐƥơǁƐ ƕƋǏƳ :ǶǏƋƑƙ

(99) Ǎ ƨǍǂƦù!ƒ Ǐ ư ƨƋ!ƒ ǇƋ (101) ǏǁƵ ƘǁƋƙƬƒ Ư ŏƨƋ 200 ǇƋ ǂƪƒƨƥ!ƒ ǂǉŏƵ ƘǉǍǂƙ

ǇÙƋ ǂùƪƒƨƥ!ƒ ƴƋƙƞƋ ƻǁƙƤƋ ǇƋ ǂ5ƥƬ!ƒ ƭŏƨƱƕ ǂŏƥƬƥ ǂǉŏƵ ƨƓŏƙƤƒ ǄƙƥƥǍ Ü ǂƓǉǕƒ Ǐ ư ƨƋ!ƒ ǇƋ

.ǂǉƋƨƋ Ư ƒƨƋƉ ǇƋ ǇǍǉƓƶŏ ǇŏƦ!ƒ Ǐ ư ƨƋ!ƒ

:ƕƨƐƥơǁƐ ƔƐơƈ :ǶƙǁƑƙ

: ǇƓƕƙƪǕƒ : Ǐ!ǍǕƒ ǀƒƥǕƒ _

ÜǂǉƓƙùƪǕƒ ǑùǊǍ ƘƓǉƓƕ!ƒ ƴƋƞ Ǒ5 ǂǒƪƓƪƉ ǀƒƥƉ ǄƒƥƤƙƪƒ Ǆƙ ǂƪƒƨƥ!ƒ ƻƒƥǊƉ ƭŏǀơƙ ƴƞƉ ǇƋ

ǅǍù ư Ǒù5 ƘƋǏù Ƭ ƥùƿǍ ÜƘƒƥƓùŏƶ!ƒǍ ƘƓŏ5Ƭƙƪƙƌ! ǄǊƙƶƞƒƨƋ ǅǉǉƛ Ǐ ư ƨƋ!ƒ ƴƋ ƓǊƙƑƕƶƙ Ǆƙ ǂŏơ

:ǂŏ!Ɠƙ!ƒ ǂƪƒƨƥ!ƒ ƘǕǡƓƪƙ

- . Ư ŏƨƋ!ƒ ƨƱǉ ǂǊƞǍ ǇƋ ǋƋǊ5Ǎ Ư ƨƋ!ƒ ƔƓƕƪƉ ƨŏƪ5ƙ :ƴǍǕƒ ƨǍơƋ!ƒ
- .ƓǊŏ5 ǋƙƿűƵǍ Ư ƨƋǁ! ǂŏƵƓƋƙƞǕƒ ƘƓǉǍǂƋ!ƒ ƨƨƕƉ :ǑǉƓƛ!ƒ ƨǍơƋ!ƒ
- .ƓǊŏ5 ǋƙƿűƵǍ Ư ƨƋǁ! ǂŏ5Ɠǀƛ!ƒ ƘƓǉǍǂƋ!ƒ ƨƨƕƉ : ǂ!ƓƛƖ!ƒ ƨǍơƋ!ƒ
- ƒ ƑƓù ƬƤ!ƒ ƻ űƙƤƓùƕ ǂŏ5ƓǀƛƖ!ƒǍ ǂŏƵƓƋƙƞǕƒ ƘƓǉǍǂƋ!ƒ ƻ űƙƤƒ ǎƥƋ :ƴǉƒƨ!ƒ ƨǍơƋ!ƒ

.ƥƒƨ5ű! ǂǏ5ƒƨƷƋŏƥ!ƒǍ ǂƓùŏƵƓƋƙƞǕƒ

:ǂǁƕƓǀƋ!ƒ :ǂŏǉƓƛ!ƒ ǀƒƥǕƒ _

ǃƨƥùƬƋǍ ÜǂŏǉƒƥŏƋ!ƒ ǂǍơƕ!ƒ Ǒ5 ƴƓƋƶƙƪǕƒ ǂƶƑƓƬǍ ǂǏƓǉ ǀƒƥƉ ƨƕƙƶƙ ƓǊǉƓǕ ǂǁƕƓǀƋ!ƒ Ǆƙƒƥƙƪƙ Ǆƙ

ǂ ùơƓƕ!ƒ Ǉŏùƕ Ǒǂŏƥƒƥƥƥù!ƒ ƴƵƓƙ!ƒǍ ǂŏƵǍƙ!ƒǍ ƨŏƕƶƙǁ! ǀƒƥƉ ƓǊǉǍǂ ǇƵ ǚư5 ÜƘƋƓǍǁƶƋ!ƒ ƴƋƞ! ǃƨƓƕǂ

ǄƙƒƥƤƙƪƙ ǅƙùƙǍ .Ǐ ư ƨƋ!ƒ ǇƵ ƘƋƓǍǁƶƋ!ƒǍ ƘƓǉƓƕ!ƒ ƴƋƞ Ǒ5 ƴƪǍƙ!ƒ ƓǊǉǉƋ ƽƥǊ!ƒ ǇƓǂǍ . ǂǍơƕƋ!ƒǍ

.ǀƨƬƙƤƋǍ ǀƥƥơƋ ƘƓƕƓƞǊǍ ƦƤƉǍ Ư ŏƨƋ!ƒ ǏǁƵ ǂǁƑƪǕƒ ƟƨƱ ƴűƤ ǇƋ ǂǁƶƋ!ƒ ǂǁ5ǁƋ!ƒ ǂǁƕƓǀƋ!ƒ ƔǍǉ

[illegible]

[illegible] chronbach alpha [illegible]

:(1) [illegible]

[illegible]	[illegible]
0.75	[illegible]
0.73	[illegible]
0.79	[illegible]
0.72	[illegible]

[illegible] (0.72) [illegible]

[illegible]

[illegible] (0.79) [illegible]

[illegible] (0.73)

[illegible] .

[illegible]:

[illegible]

[illegible].

[illegible] (SPSS) [illegible]

[illegible]

[illegible]:

- [illegible].
- [illegible] (Independent-Samples T Test) [illegible]
[illegible]
[illegible].
- [illegible] (ANOVA) [illegible]
[illegible].

: Ƨ ƒĭƨƊžǁƐ üĭƣyƗ :ƒyǴƒ ƨ

:ƕ ƨ Ɛƥƣǁǁ ǀ ǗƒƜƊž ǀ Ɛƥƨƻǁ Ĭ ǴƒƨƟǁƐ Ư ƨ ǇƗƊžǁƐ ĂƗƳ ! ǀƟƗǁ Ĭ ǁƒƗǁƐ ƛĭƥƣƗǁƐ ƣƒƊžƗYƐ !Ɨ

:(2) !ƽƥ üǇƣƜ

ƕĭƊžǉǔǁ ƕǴ ƨ ǆǁƒǴ ƕĭǴƒ ƨ ƟǁƐ ǀ ƒƯ ƨ ǇƗƊžǁƐ ƯĭƦǇƗ

ƕĭƊžǉǗƐ	Ĭ Ǵƒ ƨ ƟǁƐ Ư ƨ ǇǁƐ
Ɨ ư ƽƤǀǆž	ýƥƋ 1.75
ƗƱ ʅ Ăƙǆž	2.5 Ĳ 1.76
ǀƧǒƕƗ	ƧƛƗƋ 2.6

Ƨ ǅǷƑƍǁǁƐ üƬƸǁǁƐ

ƑǋǂƮ ƽƑǆǄǊ ƕǐǆƐƣǐǄǁǁƐ ƕƨ Ɛƥƣǁǁ ƛƏƑǂǆ üǐǂƟǂ

:ƕƨƐƥƣǁǁƐ ƕǆǐǋƗ ƕǐǋƑǄǂǗƐǊ ƕǐƬƣƮǁǁƐ ƫ ƏƑƬƣǁǁƐ : ǗǋǙ

ǋùǨǗǉǍǂǆ ƨƒƧùƕƥǍ ƯƧǆ!ƒ Ƨǒƽƪ Ǐ!ƥ ƘƼƥǊ ǑǨ!ƒ ƮƮƒƧƥ!ƒ ǋƑǗǨǉ ƯƧƵ ýƮƼ!ƒ ƒƦǊ ǇǆƯǨǒ

.ƮƮƒƧƥ!ƒ ƮǁǷƮƊ ǇƵ ƮƕǗƞǗƒ ǛƯǒƊ ýǆƬǒǍ ǗƥƕƧƒ ƮǉǒƥǄ Ǒƽ ƮǒƽǗǁƛ!ƒǍ ƮǒƵǗǆǨƞǗƒ

: Ƨ ǆǁǁƐ : ǗǋǙ

.Ʃǉƞ!ƒ ƧǒƺǨǆ! ǛƸƕǨ ƮǉǒƸ!ƒ ƥƒƧƼƊ ǷǒƨǍǨ ƠƯǍǒ (3) ýǍƥƞ

:(3) !ƽƥ üǋǐǁǁ

Ƨ ǆǁǁƐ ƥǐƹƮǄǁ ƕǐǋǐƏǄǁǁƐ ƕǗƨǆǁǁƐǊ ǀƐƥƐƥǂǁǁƐ

ƕǐǋǐƏǄǁǁƐ ƕǗƨǆǁǁƐ	ǀƐƥƐƥǂǁǁƐ	Ƨ ǆǁǁƐ
50.5	101	ƧƮƦ
49.5	99	ǏƛǉƊ
100.0	200	ƳǍǆƞǆ!ƒ

(101)ƘùƷǁƕ (ƧùƮƦ) Ʃǉùƞ!ƒ ƧùǒƺǨǆ! ƮǒǍƑǆ!ƒ ƮƕƮǉ!ƒǍ ƘƒƧƮǨ!ƒ ǇƊ (3)ýǍƥƞ ǇǆƧǌǓǒ

.ƮƮƒƧƥ!ƒ ƮǉǒƵ ǇǆƯ (%49.5)ƮƕƮǉƕ (99) (ǏƛǉƊ)Ǎ Ǘ(%50.5)ƮƕƮǉƕ

:ƥǅǆǁǁƐ :ƑǐǆƑǨ

:(4) !ƽƥ üǋǐǁǁ

ƥǅǆǁǁƐ ƥǐƹƮǄǁ ƕǐǋǐƏǄǁǁƐ ƕǗƨǆǁǁƐǊ ǀƐƥƐƥǂǁǁƐ

ƕǐǋǐƏǄǁǁƐ ƕǗƨǆǁǁƐ	ǀƐƥƐƥǂǁǁƐ	ƥǅǆǁǁƐ
13.5	27	ƮǉƮ 25 ǇǆƯ ýƥƊ
43.0	86	ƮǉƮ 50 Ǉƛ 26
43.5	87	ƧƛƮǀƽ ƮǉƮ 51
100.0	200	ƳǍǆƞǆ!ƒ

(Ɨǀùɿ 25 ǈJùdž ýùþ)Ƨùdžƶ!ƒ Ƨùöƺkdž! ƗöǍƑdž!ƒ Ɨǀɿǀ!ƒǍ ƘƒƧƒƧƗk!ƒ ǈJ (4)ýǍþŋ ǈJdž ƧnjǗö

Ƙùƺǀ (ƧλƗƌù5 Ɨǀùɿ 51)Ǎ Ǘ(%43)Ɨǀɿǀ (86)Ƙƺǀ (Ɨǀɿ 50-26)Ǎ Ǘ(%13.5)Ɨǀɿǀ (27)Ƙƺǀ

.Ɨɿƒƨþ!ƒ ƗǀöƵ ǈJdž (%43.5) Ɨǀɿǀ (87)

: ǏDžǐƗyƗ njNjƗƨDž :ƒkƒk

:(**5**) !ƽþ üNjǫƜ

ǏDžǐƗyƗ njNjƗƨDž þǐƩƗDž ǀǐNjǝDž ǀƓƨ ɭ ƐþƐþƗ

ǀǐNjǝDž ǀƓƨ	ɭ ƐþƐþƗ	ǏDžǐƗyƗ njNjƗƨDž
59.0	118	Őɿƍɿ
17.0	34	DžǍǀþ
19.0	38	Σ ǍöƧǍ!ƓƗǀ
5.0	10	ƓöƵ ƘƓɿƒƧþ
100.0	200	ƔǍdžŋdž!ƒ

(118)Ƙùƺǀ (Őɿƍɿ) Ődžöƶk!ƒ ǎǍkɿdž!ƒ Ƨöƺkdž! ƗöǍƑdž!ƒ Ɨǀɿǀ!ƒǍ ƘƒƧƒƧƗk!ƒ ǈJ (5)ýǍþŋ ǈJdž ƧnjǗö

Ǘ(%19) Ɨǀùɿǀ (38) Ƙùƺǀ (Σ ǍöƧǍ!Ɠù Ɨǀ)Ǎ Ǘ(%17)Ɨǀùɿǀ (34)Ƙƺǀ (DžǍǀþ)Ǎ Ǘ(%59)Ɨǀɿǀ

.Ɨɿƒƨþ!ƒ ƗǀöƵ ǈJdž (%5) Ɨǀɿǀ (10) Ƙƺǀ (ƓöƵ ƘƓɿƒƧþ)Ǎ

: ǀǐƔƑDžƗƜǗ ǀƑΘ :ƒyƓƐþ

:(**6**) !ƽþ üNjǫƜ

ǀǐƔƑDžƗƜǗ ǀƑΘ þǐƩƗDž ǀǐNjǝDž ǀƓƨ ɭ ƐþƐþƗ

ǀǐNjǝDž ǀƓƨ	ɭ ƐþƐþƗ	ǀǐƔƑDžƗƜǗ ǀƑΘ
18.0	36	ƔƨƵ
74.0	148	ƜǍƨkdž
2.0	4	ƭƱdž
6.0	12	ýdžƧ
100.0	**200**	ƱNjDžƜDž

Ƙùƺǁǂ (ƔƨƵǂ) ƗōƵƑďžƙƞǕƒ Ɨ!ƈơ!ƒ ƧōƺƙďŽ! ƗōǍƑďž!ƒ ƗǁƖǈ!ƒǍ ƘƒƧƒƧǂƙ!ƒ Ǉǂ (6)ýǍþƞ ǇďŽ ƧǌƱō

Ü(%2) Ɨǁù ƖǈǁǇ (4) Ƙùƺǁǂ (ƪùǁƱďž)Ǎ Ü(%74)ƗǁƖǈǁ (148)Ƙƺǁǂ (ƜǍƨƙďž)Ǎ Ü(%18) ƗǁƖǈǁ (36)

ǇōƞǍƨùƙďž!ƒ Ǉǂ Ǐù!ǫ ǁùǁƙ Ɨùƞōƙǈ!ƒ ǎƨƶƙǍ.ƗùƖƒƧþ!ƒ ƗǈōƵ ǇďŽ (%6) ƗǁƖǈǁ (12)Ƙƺǁǂ (ýďžƧǂ)Ǎ

ƘƑùďžǂƒƧƙ!ƒ þƒþƨùƙ5 .ƯƧďž!ƑǁǇǌƙƑƮǫ ƗǁƖǈ þƑōƨ Ǐ!ǫ ǐþƋƙ ǈƧōǁǂ ƗōƵƑďžƙƞƒ ƘƑƱǍƺư! ǇǍưƧƶō

Ɨ Ǎþùơ Ǒ5 ǇǌƑƖƙ Ǒ!Ƒƙ!ƑǁǍ ýďžƶ!ƒ ƘǕǂTďžǍ Ɨō!Ƒďž!ƒǍ ƗōďžǍō!ƒ ƘƑǁƱƙďž!ƒǍ ǈƑōơ!ƒ ǎþďž ǏǁƵ ƗōƵƑďžƙƞǕƒ

.ƯƧďž!ƒ

:ƔþƨǕƐ ǫƐþƺƈ ǫǫƳ :ƒƨǄƑǇ

:(7) !5þ üǌǫƜ

ƔþƨǕƐ ǫƐþƺƈ ǫǫƳ þǏƺƗǄǁ ǁǐǌǝǄǁƐ ǁƑƨǁƐǌ ǈƐþƐþǀƗƐ

ǁǐǌǝǄǁƐ ǁƑƨǁƐ	ǈƐþƐþǀƗƐ	ƔþƨǕƐ ǫƐþƺƈ ǫǫƳ
54.0	108	þƒƧ5ǂ 5 ǇďŽ ýþǂ
46.0	92	ƧƛǂƋ5 þƒƧ5ǂ 5
100.0	**200**	ƱǌǄƜǄǁƐ

5 ǇùďŽ ýùþǂ) ǈƧƖǕƒ þƒƧ5ǂ þþƵ ƧōƺƙďŽ! ƗōǍƑďž!ƒ ƗǁƖǈ!ƒǍ ƘƒƧƒƧǂƙ!ƒ Ǉǂ (7) ýǍþƞ ǇďŽ ƧǌƱō

.ƗƖƒƧþ!ƒ ƗǈōƵ ǇďŽ (%46)ƗǁƖǈǁ (92) (ƧƛǂƋ5 þƒƧ5ǂ 5)Ǎ Ü(%54)ƗǁƖǈǁ (108)Ƙƺǁǂ (þƒƧ5ǂ

:ăþǋʅǁǫ üǭǫǁǫ :ǯƨǭǮƨ

(**8**) !5þ üǋǭǯ

ăþǋʅǁǫ üǭǫǁǫ þǐǯǂǅǁ ƕǐǋǝǅǁǫ ƕǴƨǅǁǫǋ ǀ ǫþǫþǀǂǁǫ

ƕǐǋǝǅǁǫ ƕǴƨǅǁǫ	ǀ ǫþǫþǀǂǁǫ	ăþǋʅǁǫ üǭǫǁǫ
75.5	151	ƨǴǉöþ 500 ǇǅǇ ýpǅ
16.5	33	ƨǴǉöþ 1000-501
8.0	16	ƨƛǂǳ ƨǴǉöþ 1000
100.0	**200**	ƱǋǅǅǅǅǁǫÜ

500 ǇùǅǇ ýùpǅ) ĭ ƨǌùŢ!ƒ ýƤþ!ƒ ƨǒʒkǅ! ǂǒǍƑǅ!ƒ ǂǅʅǉ!ƒǍ ƘƒƨƒƨǂƘ!ƒ Ǉǅ (8)ýǍþŋ ǇǅǇ ƨǌǓǒ

1000) Ü(%16.5)ǂǅùʅǉǅ (33) Ƙùʒǅǅ (ƨǴǉöþ 1000-501) Ü(%75.5)ǂǅʅǉǅ (151)Ƙʒǅǅ (ƨǴǉöþ

ǂ Ǎþùơ Ǒù5 ƨƛǳk ǂǒþǴʈkpǓƒ ǂ!ǴơƑ Ǉǅ ĭǅ.ǂʅƒƨþ!ƒ ǂǉöƵ ǇǅǇ (%8)ǂǅʅǉǅ (16) Ƙʒǅǅ (ƨƛǂǳ ƨǴǉöþ

. ƯƒƨǅǕƒ

: ǅǅ ǀ ƨǁǫ ǅǅǀǅ : ǯyǴǮƨ

:(**9**) !5þ üǋǭǯ

ǅǅ ǀ ƨǁǫ ǅǅǀǅ þǐǯǂǅǁ ƕǐǋǝǅǁǫ ƕǴƨǅǁǫǋ ǀ ǫþǫþǀǂǁǫ

ƕǐǋǝǅǁǫ ƕǴƨǅǁǫ	ǀ ǫþǫþǀǂǁǫ	ǅǅ ǀ ƨǁǫ ǅǅǀǅ
75.0	150	ǂǉöþǅ
12.5	25	ǂǒƨp
12.5	25	ǅǒƤǅ
100.0	**200**	ƱǋǅǅǅǅǁǫÜ

(150)Ƙùʒǅǅ (ǂǉöþǅ) ǇǂʅƑ ǇǴǂǅ ƨǒʒkǅ! ǂǒǍƑǅ!ƒ ǂǅʅǉ!ƒǍ ƘƒƨƒƨǂƘ!ƒ Ǉǅ (9)ýǍþŋ ǇǅǇ ƨǌǓǒ

.ǂʅƒƨþ!ƒ ǂǉöƵ ǇǅǇ (%12.5)ǂǅʅǉǅ (25) (ǅǒƤǅ) Ǎ Ü(%12.5)ǂǅʅǉǅ (25) (ǂǒƨp) Ǎ Ü(%75)ǂǅʅǉǅ

: ƒ ƥDžǁƐ ƠǋǰǇ : ƑǰDžƑǩ

:(**10**) !ƽƥ üǋǫǁ

ƒ ƥDžǁƐ ƠǋǰǇ ƥĭƩƗDžǁ ƕĭǋǝDžǁƐ ƕƓƨ ǰǁƐǋ ǀ ƐƥƐƥ ǀƗǁƐ

ƕĭǋǝDžǁƐ ƕƓƨ ǰǁƐ	ǀ ƐƥƐƥ ǀƗǁƐ	ƒ ƥDžǁƐ ƠǋǰǇ
24.0	48	Džƥ!ƒ Ʊƺ ư ƳƓƽǩƧƒ
25.0	50	ĭ Ƨǂ ƪ!ƒ
6.5	13	ǇǒǒƒƧƬ!ƒ Ƴǁ Ƭǩ
4.5	9	ƥƕǂ!ƒ Ư ƒƧǰD
8.5	17	ƗǒƑǨ!ƒ Ĭ ǰơ!ƒĂ DžƨǒǩƓǰĂƧ!ƒ ýƛǰ ƗƵƓǰ!ƒ Ư ƒƧǰD
10.0	20	ǇǰƨǰǇ!ƒ ǀƥƶǰǇ!ƒ ƔǋǩǇ!ƒ
7.5	15	ŎƼĂƧ ư ƺ!ƒ ƽŬƨǰŬƒ
6.5	13	ŎƕƬ ƶ!ƒ ǇĂ!Ăǀ!ƒ
7.5	15	ăƧƤD Ư ƒƧǰD
100.0	**200**	ƠǋǰǇǁDžǁƐ

Ʊƺù ư ƳƓùƽǩƧƒ) Ư Ƨǰ!ƒ ƳĂǰ ƧǒƺǩǰǇ! ƗǒĂƑǰǇ!ƒ ƗƕƪǰǇ!ƒĂ ƘƒƧƒƧǂǩ!ƒ ǇD (10)ýĂƥƞ ǇǰǇ ƧǋǓǒ (13) (ǇǒǒƒƧùƬ!ƒ Ƴǁù Ƭǩ)Ă Ü(%25)Ɨƕù ƪǰƕ (50) (ĭ Ƨǂ ù ƪ!ƒ)Ă Ü(%24)Ɨƕù ƪǰƕ (48)Ƙƺǁƕ (Džƥ!ƒ Ü(%8.5)Ɨƕù ƪǰƕ (17) (ƗùƵƓǰǇ!ƒ Ư ƒƧùǰD)Ă Ü(%4.5)Ɨƕù ƪǰƕ (9) (ƥƕǂ!ƒ Ư ƒƧǰD)Ă Ü(%6.5)Ɨƕù ƪǰƕ Ü(%7.5)Ɨƕù ƪǰƕ (15) (ŎƼĂƧù ư ƺ!ƒ ƽŬƨùǰŬƒ)Ă Ü(%10)Ɨƕù ƪǰƕ (20) (ǇǰƨǰǇ!ƒ ǀƥƶǰǇ!ƒ ƔǋǩǇ!ƒ)Ă .Ɨƪ ƒƧƥ!ƒ ƗǰǒƵ ǇǰǇ (%7.5)Ɨƕù ƪǰƕ (15) (ăƧƤD Ư ƒƧǰD)Ă Ü(%6.5)Ɨƕù ƪǰƕ (13) (ŎƕƬ ƶ!ƒ ǇĂ!Ăǀ!ƒ)Ă ƓùǂƒƧƥƣ ƧƛǂD ǇĂǂǒ Džǁƶǩǰ!ƒ ƒ ƤƬ!ƒ ǇŪ ǁ!Ǩ Ü Ư Ƨǰ!ƒ Ĭǁ Ƶ Ơư ƒĂ!ƒ ǰƧƛD ŎǰǒǁƶǨ!ƒ ăĂǩƪǰǁ! ǇD ǇǒƕǩǓ ƒ ƤùƬ!ƒ Ǉùǰ ƗùǒƕƠ!ƒ ƘƒƥƓƬƧŰƓƕ Ɠǰƒƨǩ!ƒ ƧƛǂD ǇĂǂǒ ǋǇD Ĭ!ƣ ƗƼƓ ư ŰƓƕ.ǋ ư ƒƧƵDĂ Ư Ƨǰ!ƓƕƓǒƵĂĂ .DžǁƶǩǰǇ Ƨǒƺ!ƒ

: ƒ þĎŽǁƑƓ ƕƓƑƬŰƐ ƔơĎŽ : ƒƴƨƑƗ

:(**11**) !ƺþ üǸơǕ

ƒ þĎŽǁƑƓ ƕƓƑƬŰƐ ƔơĎŽ þĭƸƉŽǁ ƕĭǸəĎŽǁƐ ƕƓƨǆǁƐǸ ǀƐþƐþǀƗǁƐ

ƕĭǸəĎŽǁƐ ƕƓƨǆǁƐ	ǀƐþƐþǀƗǁƐ	ƒ þĎŽǁƑƓ ƕƓƑƬŰƐ ƔơĎŽ
49.0	98	ƘƒĂǇƪ 5 ǇǆŽ ýpĐ
24.0	48	ƘƒĂǇƪ 10 Ĳ 6
27.0	54	ƘƒĂǇƪ 10 ǇǆŽ ƧƛǂĐ
100.0	200	ƳĂǆŋǆ!ƒ

ǇǐùǆŽ ýpĐ) ƯƧǆŽ!ƓƕƗƕƓƬŰƒ ǀþǆŽ ƧŏƺƙǆŽ! ƗŏĂƑǆŽ!ƒ ƗƕƪǇ!ƒĂ ƘƒƧƒƧǂƙ!ƒ ǇĐ (11)ýĂþŋ ǇǆŽ ƧǌƱŏ

10 ǇǐùǆŽ ƧƛǂĐ) Ă Ü(%24)ƗƕƪǇƕ (48)ƘƺǆƕƕƕƘƒĂǇƪ 10-6)Ă Ü(%49)ƗƕƪǇƕ (98)Ƙƺǆƕ (ƘƒĂǇƪ 5

ƘŮƓùơ!ƒ Ŏù5 Ĭ ưƧǆŽ!ƒ ǇĐ Ĭ!ƍ ǁ!Ʀ ăƨƶŏĂ .ƗƪƒƧþ!ƒ ƗǇŏƵ ǇǆŽ (%27) ƗƕƪǇƕ (54) Ƙƺǆƕ (ƘƒĂǇƪ

ƴùǆŽ ƓùǆŽƓǆŽƙ ƻǁƙƤŏ ƒƦǸĂ ÜýĂƨƙ ƓǆŽ ǇƓƵƧƪĂ ǀþþơǆŽ ǄǌǆŽ!Đ ǀƧƙ5 ǇĐ ǇŏǀƛƒĂ ǇĂǇĂǂŏ ƗŏþƓƶ!ƒ ƗŏưƧǆŽ!ƒ

ƧùǂǇŏ Ưƶƕ!ƒĂ ƓǌƕƧǆŽŏ Ŏƙ!ƒ Ɨ!Ɠơ!ƒ ƾþƬŏ Ŭ ǈưƧǆŽ ƗŏƒþƕŎ5 ƯŏƧǆŽ!Ɠ5 ÜƗǇǆŽƨǆŽ!ƒ ƯƒƧǆŽŰƒ ƘŮƓơ

Ĭ!ƍ ÜƗƶpĂƙǆŽ!ƒ ǊƑƓƙǇ!ƒĂ ǈưƧǆŽ ýĂơ Ɨ5ƧƶǆŽ!ƒĂ ǕŭƶĂ ƒ ŏƤƬƙ!ƒ ǇƵ ƚơƕ!ƒ ƘŮĂƓơǆŽƕ ĐþƕŏĂÜǈưƧǆŽ

ýŏƱƙùƪŏ Ĭƙơ ÜǈưƧǆŽƕ ƗƱŏơǆŽ!ƒ ƘŭǂƬǆŽ!ƒĂ ƘƓŏǂĂǁƪ!ƒ ƔǇŋƙĂ ÜƯƧǆŽ!ƒ ýƕǀƙ ƗǁơƧǆŽ Ĭ!ƍ ýƬŏ ǇĐ

ýŭùƤ ǇǐùǆŽ ƯƧùǆŽ!ƒ ýǆŽ ƻŏǂƙ!ƒ Ɨǁ ơƧǆŽ Ĭ!ƍ ƯŏƧǆŽ!ƒ ýƬŏ ǁ!Ʀ þƶƕĂ .ǀþŏŋ ƗǀŏƧƱƕ ǈưƧǆŽ ǀƧƒþƍ

.ǈƕ ǄǂơƙƒĂ ƯƧǆŽ!ƒ ĬǁƵ ǀƧƱŏƪǁ! ƓǌƕƧǆŽ Ŏƙ!ƒ ǀƧƕƤ!ƒ

: ƒ ƥĎǁƑǴ ƕǴƑ Ƭ Ǖǫ ơɣǴǋ ƒ ƥĎǁƑǴ ƕǴƑ Ƭ Ǖǫ üǴƽ ƕƻǐưǋǁǫ : ƺƥ ƪƑƳ

:(12) !ƽƥ üǋǫǁ

ƒ ƥĎǁƑǴ ƕǴƑ Ƭ Ǖǫ üǴƽ ƕƻǐưǋǁǫ ƥǐƩĐǁ ƕǐǋǝĎǁǫ ƕǴƨǁǫǋ ǀ ƹƥƹ ǀǂǫ

ƕǐǋǝĎǁǫ ƕǴƨǁǫ	ǀ ƹƥƹ ǀǂǫ	ƕƻǐưǋǁǫ
5.5	11	ǀƧơ ýǴǆƵĐ
44.5	89	ǴǑƬ Ǚ
12.0	24	Ďǁƶǆ
1.5	3	ǐ ƨƒƥĐ
5.0	10	ƽƑǴƪ
5.0	10	Ɣ!ǴƱ
6.0	12	ƧƞǴk
12.0	24	ƻ ƱǍǆ
2.5	5	ƨǍk‡ƥ
1.5	3	ƫ ǒƞ
2.0	4	Ư ƨǆǆ
1.0	2	Ɣƪ Ǵơǆ
1.5	3	ƘǴ‡ƕT ǑǇƼ
100.0	200	ƳǍǆƞǆ!ƒ

:(13) !ƽƥ üǋǫǁ

ƒ ƥĎǁƑǴ ƕǴƑ Ƭ Ǖǫ ơɣǴ ƕƻǐưǋǁǫ ƥǐƩĐǁ ƕǐǋǝĎǁǫ ƕǴƨǁǫǋ ǀ ƹƥƹ ǀǂǫ

ƕǐǋǝĎǁǫ ƕǴƨǁǫ	ǀ ƹƥƹ ǀǂǫ	ƕƻǐưǋǁǫ
2.0	4	ǀƧơ ýǴǆƵĐ
67.0	134	ǴǑƬ Ǚ
3.5	7	Ďǁƶǆ
1.0	2	ǐ ƨƒƥĐ
2.5	5	ƽƑǴƪ
5.5	11	Ɣ!ǴƱ
5.0	10	ƧƞǴk
7.0	14	ƻ ƱǍǆ
2.0	4	ƨǍk‡ƥ
1.0	2	ƫ ǒƞ
1.5	3	Ư ƨǆǆ
1.0	2	Ɣƪ Ǵơǆ
1.0	2	ƘǴ‡ƕT ǑǇƼ
100.0	200	ƳǍǆƞǆ!ƒ

Ư ƨǆ!Ǵùƕ ƗƕǴƮǕƒ ýƕƥ ƗƽǒƱǍ!ƒ ƨǒƺǆ! ƗǒǍƑǆ!ƒ Ɨƕƪǉ!ƒǍ Ƙƒƨƒƨ‡k!ƒ ǇĐ (12)ýǍƥƞ ǇǆǇ ƨǌƱǒ

(24) (Ďùǁƶǆ)Ǎ Ü(%44.5)Ɨƕù ƪǉƕ (89) (ǴǑùT Ǚ)Ǎ Ü(%5.5)Ɨƕù ƪǉƕ (11)Ƙùƺǁƕ (ǀƧơ ýǴǆƵĐ)

(10) (Ɣù!ǴƱ)Ǎ Ü(%5)Ɨƕù ƪǉƕ (10) (ƽƑǴù ƪ)Ǎ Ü(%1.5)Ɨƕù ƪǉƕ (3) (ǐ ƨƒƥǫ)Ǎ Ü(%12)Ɨƕù ƪǉƕ

(5) (ƨǍùk‡ƥ)Ǎ Ü(%12)Ɨƕù ƪǉƕ (24) (ƻ ùƱǍǆ)Ǎ Ü(%6)Ɨƕù ƪǉƕ (12) (ƧƞǴùk)Ǎ Ü(%5)Ɨƕù ƪǉƕ

(2) (Ɣù ƪǴơǆ)Ǎ Ü(%2)Ɨƕù ƪǉƕ (4) (Ư ƨùǆǆ)Ǎ Ü(%1.5)Ɨƕù ƪǉƕ (3) (ƫ ǒùƞ)Ǎ Ü(%2.5)Ɨƕ ƪǉƕ

.Ɨƪƒƨƥ!ƒ ƗǉǒƵ ǇǆǇ (%1.5)Ɨƕ ƪǉƕ (3) (ƘǴ‡ƕT ǑǇƼ)Ǎ Ü(%1)Ɨƕ ƪǉƕ

[illegible] (13)[illegible]

[illegible] (%3.5)[illegible] (7) [illegible] (%67)[illegible] (134) [illegible] (%2)[illegible] (4)[illegible]

[illegible] (%5.5)[illegible] (11) [illegible] (%2.5)[illegible] (5) [illegible] (%1)[illegible] (2) [illegible]

(2) [illegible] (%2)[illegible] (4) [illegible] (%7)[illegible] (14) [illegible] (%5)[illegible] (10)

(2) [illegible] (%1)[illegible] (2) [illegible] (%1.5)[illegible] (3) [illegible] (%1)[illegible]

.[illegible] (%1)[illegible]

[illegible] (13)[illegible] (12) [illegible]

[illegible]

[illegible]

[illegible] (89) [illegible]

[illegible] (45) [illegible] (134) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

.[illegible]

: ƓƵƸƥƮǀǁ ƓƿƏƸǓ ƛƏƑĦǁǁ ǇƗǂƟĦ :ƒƗǁƑƙ

Ý ƒ ƗƥǁǁƐ ƥƱǁǁ ƓǆǇƜǆ ǁǁǁ ǇƑƑƸƈ ƑǁǆƙƏ ƒ ƥǁǁƐ ƥƸƺƗ ƺƗǀ :ǇǆǓƐ ǇƐǁƸǁǁ

ăĂƙùƪdž! ĦùŏƧƑżdž!ƒ ƘƑƒƧơǇǓƒĂ ĦŏƓƑƪơ!ƒ ƘƑƱƪĂƙdž!ƒ ƔƑƪơ ǁƙ ƧĂơdž!ƒ ƒǇǆ ǇƵ ĦƓƑƞű!

. Ơ ŏƧdž!ƒ ƧƲǇ ĦǆƞĂ ǇdžƠƧdž!ƒ ƔƑƓƪǁ

:(**14**) !ƽƥ ǇǆƜǁ

ƒ ƗƥǁǁƐ ƥƱǁǁ ƓǆǇǁǁǆ ǁǁǁ ƒ ƥǁǁƐ ƒƑƑƸƈ ǆǆĦƸǁǁ ƓƗƥƑƗƔǁǁƐ ƪƑƺƥƟǁǁǓǁǆ ƪƑƠƸǆĦǁǁǁ

ǆǆĦƸǁǁ ƓƗǁǁǇƐ	ƓƗǁǁǇƈ ƒƗĦƥĦ ƔƥƽƺǁǁƐ	ƺƐƥƟǁǁǓƐ ăƥƑƗƔǁǁƐ	Ơ ƸǆĦǁǁƐ ƗƑƸƟǁǁ	ǇƐǁƸǁǁ	!ƽƥǁǁ
ĦƱƪĂƙdž	11	1.32	1.95	. ƗƧŏƬǀƙĂ Ŏ!ƑdžǆƼ ƔƓƪƓ ƠƧdž!ƒ ŎǇƓƑƬǁ	1
ĦƱƪĂƙdž	9	1.24	2.03	.ĦǀŏƥƥǀƧĂƬƓ ƠƧdž!ƒ ƠƒƧƵƼ ƧƥƥƒǁǁǁǁǇ!	2
ĦƱƪĂƙdž	10	1.26	1.97	. ƨŏƥƥ ýǂƬƓ Ŏƙ!Ƒơ ƒ ŏƤƬƙ ƇƑƓƱǕƒ ƴƱƙƪŏ ǁǁ!	3
ĦƱƪĂƙdž	12	1.20	1.87	.ƔŏƓƱǁǁ! ŎƙƧƑƬƙƪƒ ǁǁƥż! ƠƧdž!ƑƓ ƘƓƬǁ	4
ĦƱƪĂƙdž	4	1.32	2.20	.ƑǆƙǁdžǆǁĂ Ħŏ!ĂǕƒ ƠƒƧƵǕƒ Ĭ!Ƽ ǆƓƙǇƒ ǁǁ!	5
ĦƱƪĂƙdž	7	1.28	2.14	.ƔżƙƒǇƒ ƥƧƞdžƓ ƔŏƓƱ!ƒ Ĭ!ƒ ƔƑǆǇ!ƒ ƥƙƵƒ ǁǁ!	6
ĦƱƪĂƙdž	3	1.26	2.36	ǇùƵ Ħ!ĂƋùƪdž ŎùǆƑǆƬŏƵǁ Ŏƙ!ƒ ĦŏdžĂŏ!ƒ ǀƑŏơ!ƒ .Ŏ ư Ƨdž	7
ĦƱƪĂƙdž	8	1.25	2.04	.Ŏ ư Ƨdž ƔƓƪ ŎǆĦ ĦƙƒƧĂ!ƒ	8
Ħ ư ƽƤǇdž	13	1.06	1.65	.ƔŏƓƱ!ƒ Ĭ!ƒ ŎƓƑǆǇǁǁƥƵ ăƥǁ ƇƑƓƱǕƑƓ ŎƙǀƛǁǁƥƵ	9
ĦƱƪĂƙdž	2	1.29	2.44	.ƔƓƪ!ƒ Ŏǆ ĦƱƺƑư!ƒ ĦŏƬŏżdž!ƒ ƻĂƧƲ!ƒ	10
ĦƱƪĂƙdž	6	1.31	2.18	ǁǁƥùż! ƔƓùƪ!ƒ ǇƑùǂ ŎƽƑùǂ!ƒ ýƑdž!ƒ ŎǂǕƙdžƒ ǁǁƥƵ . ƒ ƙƤdž!ƒ ƔŏƓƱ!ƒ ĦżƞƒƧdž	11
ĦƱƪĂƙdž	5	1.31	2.19	ĦùƽǀǂƙƔƓùƪƓ ǇƑǂ ƔŏƓƱ!ƒ ƘƒƥƑƬƧƼ ŎƵƑƓƙƼ ǁǁƥƵ .ƇƒĂƥ!ƒ	12
ĦżƽƙƧdž	1	1.24	2.73	Ơơdž ƘǇƑǂ Ŏ ư Ƨdž Ŏƽ ƘƧƛǁ Ŏƙ!ƒ ƧĂdžǕƒ ƴŏdžƞ .ĦƽƥƬ	13
ĦƱƪĂƙdž		.614	2.13	Ǉǀǀ ǆǆĦƸǁǁǁ	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

:(**15**) [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	9	1.05	1.52	[illegible]	1
[illegible]	10	1.01	1.50	[illegible]	2
[illegible]	7	1.25	1.81	[illegible]	3
[illegible]	2	1.15	3.21	[illegible]	4
[illegible]	1	1.06	3.33	[illegible]	5
[illegible]	4	1.30	2.42	[illegible]	6
[illegible]	5	1.16	2.00	[illegible]	7
[illegible]	11	3.11	1.43	[illegible]	8
[illegible]	8	1.12	1.80	[illegible]	9
[illegible]	3	1.30	2.73	[illegible]	10
[illegible]	6	1.26	1.89	[illegible]	11
[illegible]		.607	2.15	[illegible]	

ŧŏħĜʅơ!ƒ ƘĜƱʅĂƙďž!ƒ ƘơĂƒƧƙ ŧŏơ ÜŧŏƵĜďžƙŋŬƒ ƘĜŀĴĂŧďž!ƒ ăĂƙʅďž Ĭ!ƺ ƪħĜʅ!ƒ ýĂƥŋ!ƒ ƧŏTŏ

ŀƧùŀƼ!ƒ ƘĈĜŋ Ʀƺ .(2.15) Ƹ!Ĝħ!ƒ ăĂƙʅďžĬ! ĎžĜƶ!ƒ ŎħĜʅơ!ƒ ƱʅĂƙďž!ƒ yďž ŧĿĴƧĜŀďž!Ĝħ (3.33Ü1.43) ǇĴŏħ

Ŏ5 ".ŧŏơƮ!ƒ Ŏƙ!Ĝơ ĎžƒĂƥ!ƒ ĬŀƵ ǇĴĂƶħĜƙŏ ƒĂĿĴĜŧ ĈĜƿƥƮŰƒĂ ýǊĴŰƒ ǇĴďž ƒ ĜPTƊ ǁĜĿĴǋ "ĬŀƵ ƒ ĿĴƙ Ŏƙ!ƒ

ŎħĜùʅơ!ƒ Ʊùʅ Ăƙďž!ƒ yďž ŧĿĴƧĜŀďž!Ĝħ 1.06 ĭƧĜŏƶďž ƻƒƧơĿĴƒĂ 3.33 ŎħĜʅơ ƱʅĂƙďžħ Ĭ!ĂŰƒ ŧħƙƧďž!ƒ

ýùǊĴŰƒ ýùħƿ ǇĴďž Ƨŏħŧ ƥƒƥƶƙʅƒ ǁĜĿĴǋ " ĬŀƵ ƒ ĿĴƙ Ŏƙ!ƒ ŀƧŀƼ!ƒ ĜǌĴŏŀƙ ĎžĜƶ!ƒ ĭƧĜŏƶďž!ƒ ƻƒƧơĿĴŬƒĂ ĎžĜƶ!ƒ

.ŧùƶƼƙƧďž ĎžŏùŏŀƘ ŧŋƧƥħ (1.15) ĭƧĜŏƶďž ƻƒƧơĿĴƒĂ (3.21)ŎħĜʅơ ƱʅĂƙďžħ ".ŎƙƥƵĜʅďž! ĈĜƿƥƮŰƒĂ

ĿĴƋĜƿƥùƮƊĂ ǋùħƧĜƿƊĂ ǋƙƧùʅƊ ýħƿ ǇĴďž Ƣ ŏƧďž!ƒ ĿĴĜŀŀƙŏ ĭƦ!ƒ ŎƵĜďžƙŋŬƒ ĎžƵƥ!ƒ ǇĴƊ Ĭ!ƺ ŧŋŏƙĿĴ!ƒ ăƨƶƙĂ.

ƒƧƥĜƿ ǇĴĂŧŏ Ŏ!Ĝƙ!ĜħĂ ǋƙơƮ ĬŀƵ ŎħĜŋŏƺ ý ŧTħ Σŧƶ ĿĴŏ ĭƦ!ƒĂ Ŏʅ ƼĿĴ!ƒ ǋƶƢĂ ĬŀƵ ƱĂơŀďž ý ŧTħ ƧƛƋŏ

ýùǊĴŰƒ ýùħƿ ǇĴùďž ŎƵĜùďžƙŋƒ ĎžƵƥ ĎžǌĴŏƥ! ǇĴŏƦ!ƒ ƒ ĜPTŰĜ5 ÜƜŭƶ ! ŧħĜŋƙʅŬƒĂ Ƣ Ƨďž!ƒ ŀƧƒƥƺ ĬŀƵ

Ĭùŀŀƙŏ ǇĴŏùơĂ ÜĎžǌĴƙŭƑĜùƵ ĎžǌĴďžƵƥƙ Ŭ ǇĴŏƦŀ!ƒ ƒ ĜPTŰƒ ǇĴďž Ƣ ƧďžĬ! Ƨħŧ Ɗ ŧħĜŋƙʅƒ ĎžǌĴŏƥ! ĈĜƿƥƮŰƒĂ

Ƨŏƥùŀƙ ýùơďžĂ ŧùďžŏƿ ĂƦ ǋùĿĴƊĂ Üŧďžƨŭ!ƒ ŧŏĜƵƧ!ƒ Ĭŀŀƙŏ ǋĿĴƊĂ ÜƔĂħơďž ǋĿĴďžħ ƧƶTŏʅ ĎžƵƥ!ƒ Ƣ ŏƧďž!ƒ

ƒ ĜPùTŬƒ Ďžù ǋ ǇĴùďž" :ĎžǌĴ!ƒƋʅ ƥĿĴƵ Ĭ ƢƧďž!ƒ yďž ƘŭħĜŀďž!ƒ ŧŋŏƙĿĴ yďž ŧŋŏƙĿĴ!ƒ ĿĴƦǋ ƘŀƼƙƒĂ .ǇĴŏƧPŬƒ

ƜĂƨ!ƒ ĂƊ ýǊĴŰƒ ŎǋĴ ŧħĜŋű! ƔʅĿĴ ĬŀƵƊ ƘĈĜŋ ŧŏơ "ÞƧďžƙʅďž ý ŧTħ ŧŏƮPT!ƒ ĎžǌĴƙ!Ĝơ ǇĴĂƶħĜƙŏ ǇĴŏƦ!ƒ

Ĝďžƥùŀ ƵĎžǋƧĂƢơ! ƟĜƙƧƙ ǇĴŏƦ!ƒ ƒ ĜPTŬƒ ĎžǋĴ ǇĴďž " ĬŀƵ Ňƒ ĿĴ ĭƦ!ƒ ýƒƋʅ!ƒ Ĭ!ƺ ŧ5ĜƢŰĜħ ÜŧŋĂƨ!ƒĂ

ƔƦùƿ Ƣ Ƨùďž!ƒ ǇĴƊ ýĂŀ!ƒ ǇĴŧďžŏĂ .ýǊĴŰƒ ýĂơ ƘĜħĜŋŰƒ ƔŀƸƊ ƘƧĂơďžƙ ŧŏơ "Þǁŏŀ ƵƢ Ƨďž!ƒ ƥƦTŏ

ýŧùTħ ĎžǌĴ!Ăùơ ǇĴďž yďž ýƮƒĂƙ!ƒ Ĭ!ƺ ǇĴĂŀŏďžŏ Ĭ ƢƧďž!ƒ ŧŏħ!Ĝƺ5 ÜƧƛŧƊ ǋŏ!ƺ ƢŏƧďž!Ĝħ ǇĴŏƱŏơďž!ƒ ƥƒƧ5Űƒ

ƧʅŰƒ ŀƧħPħ ǁ!Ʀ ƱħƙƧŏĂ ÜƜŭƶ!ƒ ýǋŀƙĂ Ƣ ŏƧďžĬ! ŧŏŋŭƶ!ƒ ŧŏơĜĿĴ!ƒ ǇĴďž ĿĴƧƛƊ ǋ! ƒƦǋĴĂ ÜýĜƶ5Ă ŎħĜŋŏƺ

ƥơƊ ŧŏƋƧħ ǇĴĂħƸƧŏ Ŭ ĎžǌĴĿĴħ ƒĂħĜŋƊ Ĭ ƢƧďž!ƒ ǇĴďž ŧŀŏŀƿ ŧħʅĿĴ ǁĜĿĴǋ ǇĴŧ! ÜŧŏơƮ!ƒ ƘĜďžƨŰƒ ŧŋǌĴƒĂďž Ŏ5

ĎžĜďžƊ ǋĿĴĂƧŧĿĴŏ ĂƊ ĎžǌĴ ƢƧďžħ ƻƒƧƙƵŬƒ ǇĴĂƢ5Ƨŏ ĜďžħƧ Ĭ ƢƧďž!ƒ ĈŰƋǋ ǇĴĜħ ýĂŀ!ƒ ǇĴŧďžŏĂ ÜĎžǌĴƢƧďž ƥĿĴƵ

[illegible]

[illegible]

:(16) [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	1.46	.96	14	[illegible]
2	[illegible]	2.53	1.20	7	[illegible]
3	[illegible]	2.12	1.47	9	[illegible]
4	[illegible]	1.76	1.17	13	[illegible]
5	[illegible]	1.45	.95	15	[illegible]
6	[illegible]	1.85	1.26	11	[illegible]
7	[illegible]	2.73	1.33	5	[illegible]
8	[illegible]	2.59	1.34	6	[illegible]
9	[illegible]	3.22	1.10	3	[illegible]

[illegible]	8	1.34	2.49	[illegible]	10
[illegible]	1	1.01	3.53	[illegible]	11
[illegible]	2	1.02	3.52	[illegible]	12
[illegible]	4	1.13	3.14	[illegible]	13
[illegible]	10	1.17	1.97	[illegible]	14
[illegible]	12	1.05	1.79	[illegible]	15
[illegible]	17	.850	1.35	[illegible]	16
[illegible]	16	.820	1.40	[illegible]	17
[illegible]		.390	2.29	[illegible]	

[illegible] (3.53–1.35) [illegible] (2.29) [illegible] ".[illegible]" [illegible] 3.53 [illegible] 1.01 [illegible] ".[illegible]" [illegible] (3.52) [illegible] (1.02) [illegible]

[illegible] (1.13) [illegible]

[illegible] (1.79) [illegible]

[illegible] (1.05) [illegible]

[illegible]

[illegible] (0.820) [illegible] (1.35) [illegible]

[illegible] :[illegible]

:(17) [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
0.61	T=-0.50	.682	2.13	101	[illegible]	[illegible]
		.521	2.17	99	[illegible]	
0.00	F=8.679	.409	2.53	27	[illegible] 25 [illegible]	[illegible]
		.668	2.18	86	[illegible] 50 [illegible] 26	
		.540	2.00	87	[illegible] 51	
0.22	F=1.473	.639	2.18	118	[illegible]	[illegible]
		.492	2.02	34	[illegible]	
		.610	2.23	38	[illegible]	
		.486	1.89	10	[illegible]	
0.014	F=3.639	.480	2.42	36	[illegible]	[illegible]
		.617	2.11	148	[illegible]	
		.634	1.81	4	[illegible]	
		.617	1.93	12	[illegible]	
0.96	T=-.050	.639	2.14	108	[illegible] 5 [illegible]	[illegible]
		.569	2.15	92	[illegible] 5	
0.52	F=0.640	.624	2.12	151	[illegible] 500 [illegible]	[illegible]
		.528	2.19	33	[illegible] 1000-501	
		.601	2.29	16	[illegible] 1000	
0.88	F=0.126	.538	2.16	150	[illegible]	[illegible]
		.985	2.17	25	[illegible]	
		.532	2.09	25	[illegible]	
0.008	F=4.976	.604	2.27	98	[illegible] 5 [illegible]	[illegible]
		.635	2.09	48	[illegible] 10-6	
		.539	1.96	54	[illegible] 10 [illegible]	

:Ŏǁŏ Ǧdž (17)ǊǂƧ ýĂþȠ!ƒ Ǉdž ƧnjǗŏ

- ǏǁƵǊ ƱƪĂƙdž ŎǒǦƪơ ƳĂdžȠdžǁ! Ŏǁǂ!ƒ ǂǦǇǘ! ǂ (2.17) Ü ǦǁȃĂ Ƹǁ! ǂǁƧǂĂƦ(2.13)Ü ǥƺǁȃĂ Ƙƺǁȃdžǒp (T)ǂ (-
  (0.50 ǂ!ǗþȃĂ ǂǦƪơǂ(0.61)Ü ŎǊǇĂ ǂdžǒp Ƨŏƹ ǂ!ƒþ ǂǦƪơ ǗǦŏƑǦ ƒǇǊǇĂ ýþŏ ǏǁƵ ǊþƵ ƧŏǍùƙ
  ƧŏƺƙdžƩ Ƹǁȃ!ƒ ǏǁƵ ǁdž ăĂƙ ƙǁǊĂǂdž!ƒ ǂƪǦdžƙȠǗƒ ǂŏƵǦdžƙȠǗƒ ǂdž!Ƨ ƯƧ . ǇǂdžŏĂ ǇĂ!ƒ ýĂ ǇǂȃdžȁȠƒ ǂƙǁǊƙ Ƨùdž ǗƯƒ
  ǁ ǊǦǁƙ ăĂǦƪ ǊǂǇ ǊƵ!ƒ ǂǇ ǇǂǁǦŏƷ ǊǂĂǂ ǇĂǂŏ ƧĂǂƦ!ƒ Ƨƺǂ ǂǁ ƙǂƒƸƧȠ ǗǦǁ Ƙƒ ǂŏƷƪ!ƒ ǇǂdžǗǇǁƪǂ Ü
  .ƧĂǂƦ!ƒ ǊǇƵ ǊǇdž Ƨƺǂ ƯƧdž!ƒ ǇǂdžƩ ƺĂƤ!ƒ ýǤǦƱ ǦnjŏǁƵ ƳǁƺŏǂǦǁǗƒ ǇǗ
- ǏǁƵǊ ƱƪĂƙdž ŎǒǦƪơ ƳĂdžȠdžǁ! Ŏǁǂ!ƒ ýǊǊ)Ƨdžƺǁ! 25 ǇǂǊǂ (2.53) Ü ǥùǁȃĂ Ƨùdžƺǁ!(26-50
  ǂǊǂ (2.18) Ü ǥǁȃĂ Ƨdžƺǁ! (51 ǂǊǂ ƧǇǂǁǁ) (2.00) Ü Ƙùƺǁȃdžǒp (F)ǂùdžǒp (8.67) ǂù!ǗþȃĂ
  ǂǦƪơ(0.00)Ü ŎǊǇĂ ǂdžǒp ǂ!ƒþ ǂǦƪơ ǗǦŏƑǦ ƒǇǊǇĂ ýþŏ ǏǁƵ ƧŏƺƙdžƩ Ƨdžƺ!ƒ ǏǁƵ ăĂƙùǦdž
  ƘǦǇĂǂdž!ƒ ǗƯ ƧdžǁǁǂŏƵǦdžƙȠǗƒ ǇǂdžŏĂ Ü ƯƧdžǁ! ǇǂdžŏĂ ýĂǇ!ƒ ǇǇ ƯƧdž!ƒ ǊþƧŏ ǂǦǁǁ ǊþƙǇ ǊþùǇǇƙ ǊǂǊǂǗǦǇǁ ǇǦùǂ. Ƨdžƺ!ǦùǇ
  ƧnjǗƙĂ ǇǂǦǇƙ!ƒ ǇǇ Ƨƺǂ ǊǂǁǦǂŏǦǂdž!ƒ ƯƧǦ ǇǂdžǇNj ǇǂǇ ǂǊǇ!ƒ ǂǊ ǎǊ ǊǊǇǇ ǂǦǁǁǂ ǊþǇƙ Ƨùdžƺ!ƒ ǊþƒƧ Ƙ
  ǊŏǦǁdžƙơƒ !ǂŏǦǇ ǂǦǂǗƒ ƯƧdž!Ǧǁ ăƨƺƙĂ. ƙǁǂǁŏǦǇ ǂȠŏƙǇ!ƒ Ǐ!ƍ ƘǦǂǁƒƧƙ ƱĂƺƯ ǇǗŏơ!ƒ ǗǂƺǂǂĂƒ Ǘýdžƺ!ƒĂ ƧùǦƙƺŏĂ
  ǂǂƵ ǇǇ!ƒ Ƨƺǂ ƧƯƵ Ǘǂ ǊǂdžǗ! ƯƒƧdžǗ ǇǊþƙǂǂdžƒƨƙ!ƒ ǇǂǦŏĂǂdžùǇ Ƨdžƺ!ƒ ǗƳùǁƱ!ƒ ǂǦǇǂƯǇƷƙ ǂùǂ Ǐù!ƍ ǊþùƺƙǊƙ
  ǗƯƒƧdžǗ !ǊǇŏþ ǊǂǁǂȠƙ Ƨŏƹ ǊǂǦǂƙǂǇǂ ǇǂǂƙǂǦƯƒ ǇǂǂǂƩƯƒƧƒĂƹŏƧ ǇdžƧ!ǁ ƘǦǂƒƧƱƯƯƒ ǂŏǁƧƩdž!ƒ ǂù!ǇǂŏþǊǇ
  ýĂơ ǇƯƧdž!ƒ Ü ǂǁþĂ ǂǁǁĂ!ƒ ƧƵdžǂǇƒĂ ǊǦdžƙƵǗƒ ǏǁƵ ƱŏơƒŏǇ!ƒ ǂǦdžƙȠǗƒ ŎƵƧ Ƨƺǂ ǇǂdžƧ!ƒ ǂǦȠǁǇ. ǇǂǁǇ ǊþǇƙ
  .ǇƒƧdžǗ! ǂƯƧƵ Ƨƺǂ ǊǂǁǂȠŏ Ǧǂǂdž ǂƵǦǁǂǇ!ƒĂ ǂǊȠ!ƒ ǇƨnjȠǂ ǊƒþǂǊ ƺƺƯŏ Ƨdžƺ!ƒ
- ǏǁƵǊ ƱƪĂƙdž ŎǒǦƪơ ƳĂdžȠdžǁ! Ŏǁǂ!ƒ ăĂƙǂdžǁ! ŎdžŏǁƸƙ!ƒ (ƩĂŏƧĂ!ǁǂ) (2.23) Ü ǥǁȃĂ ăĂƙùǂdžǁ!
  ŎdžŏǁƸƙ!ƒ (Ŏǂǁǂǂ) (2.18) Ü ǥǁȃĂ ăĂƙǂdžǁ! ŎdžŏǁƸƙ!ƒ (ǊĂǁǁþ) (2.02) Ü ǥǁȃĂ ăĂƙǂdžǁ! ŎdžŏǁƸƙ!ƒ
  (ǂǦǂƒƧþ ǦŏǁƵ)(1.89) Ü ƘƺǁȃĂǂdžǒp (F) (1.47) ǂ!ǗþȃĂ ǂǦƪơ(0.22)Ü ŎǊǇĂ ǂdžǒp Ƨŏƹùƨ
  ǂ!ƒþ ǂǦƪơ ǗǦŏƑǦ ƒǇǊǇĂ ýþŏ ǏǁƵ ǊþƵ ƧŏƺƙdžƩ ƧŏƺƙdžƩ ăĂƙǂdž!ƒ ŎdžŏǁƸƙ!ƒ ǏùǁƵ ăĂƙùǂdž ƘǦùǇǇĂǂdž!ƒ

ƯǒƧùǆ!ƒ ƱǴùƕƙƧƒ Ĭù؛Ƶ ƧƛƋùǒ Ǘ Ŏǆǒ؛ƶƙ!ƒ ăĂƙƪǆ!ƒ ǈǅ ƗƞǒƙǇ!ƒ ǈǇǒƕƙĂ .ƯƧǆ؛! ƗǒƵǴǆƙƞǗƒ

.ǅǋƧǒƩĂ ƔƧǴƿǅĂ ýǋǅĂ ƇǴƿƥƮǅ ǈǆǆ ǋ!Ăơ ŎƵǴǆƙƞǗƒ Ʊǒơǆ!Ǵƕ

- ƗƵǅ ĬƝƵǴǆƙƞǗƒ ƗƩǅ ƱƪĂƙǆ ǑƕǴƪơ ǒ؛ǆƞY ƒ!ǂ؛Ŏ !؛ơǴ!Ɨ (ƵùƨƔ) ƗùǒƵǴǆƙƞǗƒ ƗǴ!ơ ǅĂ؛ùƩ Ü(2.42) ƗƵǅ ƗǴ!ơ!؛
ƗǆǅǴƵǒƗ (ǆƙƨƜĂ) ƗǒƵǴǆƙƞǗƒ ƗǴƕĂ ƩƕǆĂ Ü(2.11) (ƊƧǆùý) ƗǒƵǴǆƙƞǗƒ ƗǴ!ơ!؛ ƩùǆƕĂ Ü(1.93) (ƊƧǆùý) ƗùǒƵǴǆƙƞǗƒ ƗǴ!ơ!؛ ƩùǆƕĂ Ü(2.42)
ƗǒƵǴǆƙƞǗƒ (ǆƱ؛ƪ)(1.81)Ü ĂƕǆƩƘ ƿǒǆƗ(F) (3.63) ĂƕƥǗ!Ɨ ǫơƮǴǆǒƗ(0.014)Ü ĂǋŎ ƿǒǆƗ
ƥƒ!Ɨ ǫơƮǴǆǒƗ ĂǋƦƒ ǒƥý Ƶ؛Ĭ ƙƛǒƧ ǆƩǒƧ ƒ!ơǴ!Ɨ ƗǒƵǴǆƙƞǗƒ ƗùǒƵǴǆƙƞǗƒ ƗùǒƵ؛Ĭ ǆƪùƙĂĬ ƒ!ǆǂĂǉùǴƘ
ƗǒƵǴǆƙƞǗƒ Ư!ǆƧ. ĂƙƮǒƧ ƒ!ǉǆƙǒƞƗ ǫ!Ĭ ǅǈ ǅǂƛƧ ƒ!ǆƮǴǒǆǇǈ ƒǆǴǗǆƧƒƯ ǋǅ ƒ!ǆƙùƨĂƞǒǈÜ ĂƦ!ùǁ
ǗǈǇ ƒ!ǆƪĂƋ!ǒƘ ƗǒƵǴǆƙƞǗƒ ƙƥƒ‡ǅ ĂƙƧƥƒƥ ƵǉƥƒƧĂ ƿǉƒ!ƒ ǒƵƞǆƪǆ ǒƿƮƵƔ Ƶ؛Ĭ ƒ!ƼƧƥ ƙǒơǆ؛ǈǋƥùǴ ǅĂ

. ƯƧǆ!Ǵƕ ǫƮǴƕƙǇ ƯơƙǴǆ!ǒƗ ǈƪƕƗ ƙƨƥƥƒ ƙǉƥƨǋǴ

- ƒǅƵ؛Ĭ ǆƙĂƪƱ ơƪǴǒŎ ǆ!؛ǆƞY ƒ!ǂ؛Ŏ !ƶƥƥ ǅƩƒƥ ǗƪƩl (5 ǅƩƒƥ ǅĂ ǂƗƛƧ)(2.15)Ü ĂƕǆƩƘ !ƶùƥƥ
ƒǗƩƒƥƒ (ǅƿý ǆǈǅ 5 ǅƩƒƥ) (2.14)Ü ĂƕǆƩƘ ƿǒǆƗ(T) (-0.050) ĂƕƥǗ!Ɨ ǫơƮùǴƒǒƗ(0.96)Ü
ĂǋŎ ƿǒǆƗ ƩǒƧ ƥƒ!Ɨ ǫơƮǴǆǒƗ ĂǋƦƒ ǒƥý Ƶ؛Ĭ ƵƥǆƎ ƙƛǒƧ ǆƩǒƧ ƵƥƥƎ ǅ5ùƩƒƥ ƒǗƪùƧl Ƶ؛Ĭù
ǆƪƙĂ ƒǗƩƒƥƒ ǆƪƮǴǆǒƗ ƙǆƨǗ!ƒ ǗǆƪǁǴǒǆƞǗ! ƒƙǆƪǆƧƯ .ĂƨƨĂ ƒǅǇǒƞƗ ǫ!Ĭ ǅǈ ĂƞĂƥ ƥƒƮƥý ǗƪƩl ǆƮùǈǇ
ƊƮĂl ƊƮĂƙƘ ǒƪǆǆǅ ƵǒƥǉǅƗ ǅƥǒƥƞǅ !؛ƧǒƯ ƙƕǆǅ!ƢŎ ǆƙǴƵ؛ǋǅ ǆǗƒ ƒ!ùǂǓĬ ǒƥơǒƗ ƒ!ǅǒƥƙƵ ǅǈ ƑƊƮƥ ƙùǂƒǋ
ƊƮƧƙ ƒǁƧƙ ‖ ƘǆƦƧ ǏǆǂƞǓ ƵƮǆƘ ǅƵ ƊƩ ƗǒƵǆƯ ǈơ؛ǒ ǅǇǒǆƥǅ ǋƨǆƳ ǅǒƮǆǇ ƯƧǈǒ ƙǋƿǒƥƒ ǆǅƧ ƊƙùǆƮǆ ǆƨ ǁǉǆ ǆƿǒǋǇǉ ǅǆǋƪƒ ǉǈ ǅƊƮƥ ǆǉƥƒ ƒƮǆƮǗ ǗƯǆǆ!Ǵƕ ǈǆƮǅ ƪƕ ǈ ƑƊƮƥƙ ǈƥǈƪǒ ǁùǆƊƙƊ ǅƔùƥǆƥƗ ƩǉƧ ƙƨùƥƗ ƊƮƨǅ ǆùǋ ƒƕ ǂǒƫ ǆǆƤ
ǋùƙǴƿǗƵ ǗƪùƪƙƒĂ ǗĭƧùƪǗƒ Ʊǒùơǆ!ƒ ƴǆ ǋ؛ƵǴƪƙ Ɨǒ؛ǆƶ5 ÜƯǒƧǆ؛! ŎƵǴǆƙƞǗƒ ǆƵƥ!ƒ lƥǴǒƨ
ǴǋƧĂƥùƕ Ŏƙ!ƒĂ ÜƥƧ5!ƒ ƗơƮ ĬƵ؛Ĭ ƧǒƕƗ ý‡Ƭƕ ƧƛƋƙ ƗǒƪƖǈĂ ƗǒƵǴǆƙƞ ƘƒƧǒƛƋƙ ǋƙǈƙ ƗǒƵǴǆƙƞǗƒ

. ƯǒƧǆ!ƒ ăƥ! ƯƧǆ!ƒ lƥơ ƻǒƖƤƙ ǫ!Ĭ ĭƥƋƙ

- ýƤƥ؛! ƩǆƕĂ Ü(2.29) (ƧƛƗƊ5 ƧǴǅǒƥ 1000) ĭƨǉT!ƒ ýƤƥ؛! ǈ‡!؛Ŏ ƒ!ǂ؛Ŏ Ʊ؛ǂƩơ ƱƪĂƙǆ Ƶ؛Ĭ
Ü(2.12) (ƧǴǅǒƥ 500 ǆǈǅ ýƿǅ)ĭƨǉT!ƒ ýƤƥ؛! ƩǆƕĂ Ü(2.19) (ƧǴǅǒƥ 1000-501) ĭƨǉT!ƒ

ǇǂǃĽƯƒƧdžǕƒĂǂƑƕĂǕƒǂĂþơĬǃǐïþƌǩǑǩǃƒǂǒƑǒǃƒýdžƒĂƶǃƒǇdžƧǒƛǂǃƒǤǊƧǒƸĂǤǌƱƨơĂ

Ǒ5ĬưƧdžǃƒþþƵǇǄ5ƔƕƮǃƒƦǌǃĂþƕƧƒǂǉǒþdžǇdžƘǉǤǂǂƮƒƧþǃƒǂǉǒƵǇǄĬǃǐǊǒĂǉǩǃƒƔƞǒ

.ǄǒƤdžǃƒĂǂǒƧǃǃƒǑ5ǊǉdžƧƛǂǄǂǉǒþdžǃƒ

- Ǝ(2.27) (ƘƒĂǉƮ 5 ǇdžýþǄ) ƯƧdžǃǂƕƮǕƒƖþdžǃǑǃǂǃƒƳĂdžƞdžǃǑƕƮơƱƮĂǩdžĬƵǄ Ǝ(1.96) (ƘƒĂǉƮ 10 ǇdžƧƛǂǄ) ǂƕƮǕƒƖþdžǃƎĂ Ǘ(2.06) (ƘƒĂǉƮ 10-6) ǂƕƮǕƒƖþdžǃ ĬƵýþǒƒƦǊĂǗǤǒƑƮơǂǃƒþǂdžǒþǑǊĂǗ(0.008)ǂǒƑƮơǂǃǕþƕĂ (4.97) (F)ǂdžǒþƘƺĂ ƖþdžþdžǩƶǩƯƧdžǃǂǒƵǤdžǩƞǕƒƘǤĂǂdžǃƒăĂǩƮdžĬƵƯƧdžǃƕǂƕƮǕƒƖþdžƧǒƺǩdžƧƛǩ ăþdžĬǃǐǂ5ưǕƕǓǊưƧdžǉƞǩƒƘƕƞƒĂǃƕǊdžƒƨǩǃƒăþdžĂƯǒƧdžǃƒĬƵƯƧdžǃƕǂƕƮǕƒ .ƯƧdžǃƒǤǉǄǊǌƞƒĂǩǑǩǃƒƱĂƺưǃƒĬƵƔƺǩǃƒĬƵǊǩƧþþĂǛǖƶǃǊǕǃǩ

ƒþdžǂǕƺƑƾǩǃǁƑǉǇdžǃǁ:ĬdžƑǩǃǁǌǊǂƨdžǃǁ

:(18) ǃƨþǗǊǐǛ

ǕƺþƷǊdžǐǃǁǃþƺdžǃƑƑþdžǂǕƺƑƾǩǃǁǃƑǉǇdžǃǁǕƨǖƳ

ǕǃǕǐǃǁ ǕǒƑƬǑǕǁ	þƑǂǐǕǁ	ƹǁþǑǕǁ ăþǃýdžǃǁ	Ưƨǃǁ ĬƑƨǑǃǁ	þǁþǃǂǃǁ		
0.36	T=.907	.427	2.31	101	ƧǂƦ	Ʃǉƞǃƒ
		.348	2.26	99	ĬƛǉǄ	
0.21	F=1.534	.408	2.26	27	ǂǉƮ 25 ǇdžýþǄ	Ƨdžƶǃƒ
		.413	2.34	86	ǂǉƮ 50 Ǉ 26	
		.357	2.24	87	Ƨƛǂǃ5 ǂǉƮ 51	
0.59	F=.626	.421	2.28	118	ǑƮƮǄ	ăĂǩùùùƮdžǃƒ Ǒdžǒƶǩǃƒ
		.289	2.34	34	ǄĂǕþ	
		.382	2.23	38	ƩĂǒƧĂǃǂǕ	
		.343	2.35	10	ǒƵƘƮƒƧþ	
0.29	F=1.23	.398	2.25	36	ƔƨƵǄ	ǂǖùùùǃơǃƒ ǂǒƵdžǩƞǕƒ
		.371	2.30	148	ǛĂƨǩdž	
		.100	2.54	4	ƽƱdž	

		.595	2.15	12	[illegible]	
0.67	T=-.427	.365	2.27	108	[illegible] 5 [illegible]	[illegible]
		.419	2.30	92	[illegible] 5	
0.017	F=4.146	.378	2.26	151	[illegible] 500 [illegible]	[illegible]
		.345	2.25	33	[illegible] 1000-501	
		.497	2.55	16	[illegible] 1000	
0.24	F=1.40	.388	2.31	150	[illegible]	[illegible]
		.367	2.19	25	[illegible]	
		.411	2.22	25	[illegible]	
0.91	F=0.08	.390	2.27	98	[illegible] 5 [illegible]	[illegible]
		.353	2.29	48	[illegible] 10-6	
		.425	2.30	54	[illegible] 10 [illegible]	

:[illegible] (18) [illegible]

- [illegible] (2.31) [illegible] (2.26) [illegible] (T) [illegible] (0.907) [illegible] (0.36) [illegible]
- [illegible] (26-50 [illegible]) (2.34) [illegible] 25 [illegible] (2.26) [illegible] (51 [illegible]) (2.24) [illegible] (F) (1.53) [illegible] (0.21) [illegible]

- ǷǷùƶ! ƸǙǋǍ Ü(2.30)(ƧƛǂǙ ǍǙ ǷƒƧ5Ǚ 5) lƧʅǕƒ ǷƒƧ5Ǚ ǷǷƶ! ǑǙǂ!ƒ YǍǆǰƞǆǙ! ǑǋǦʅơ ƱʅǍǩǆ ǏǙƵǙ Ü(0.67)ǂǒǰǦù Ʈơƹ ǂ!ǓǷǋǍ (0.427-) (T)ǂǆǒp ƘƺǙǋǍ Ü(2.27) (ǷƒƧ5Ǚ 5 ǇǆǙ ýpǙ) ǷƒƧ5Ǖƒ ǏùǙƵ lƧùʅǕƒ ǷƒƧù5Ǚ ǷǷƵ ƧǒƺǩǆƧǒƛǩ ǙǷƵ ǏǙƵ ýǷǒ ƒƦǋǍ ÜǦǒǰǦƮơƹ ǂ!ƒǷ ƧǒƩ ǂǆǒp ǑǋǍ ɣùǆ ýùǆǦƶǩ!ƒ ǏùǙƵ ƧùʅǕƒ lƧǷp Ǐ!ƹ ǂƞǒǩǈ!ƒ ǎƨƶǩǍ . ƯƧǆǙ! ǂǒ5ǦǀƛǙ!ƒ ƘǦǈǍǂǆ!ƒ ǎǍǩʅǆ Ǧùǆ ýǂ ǙǒǷǀǩ ǏǙƵ ýǆƶ!ƒǍ ƯƧǆ!ƒ ƘǕƛǆǩǋ Ǚǂơǩ!ƒǍ ÜǦǋǷƒƧ5Ǚ ǇǒǋǑƵǍ!ƒ ƧǦTǩǈƒǍ ÜƯƧǆ!ƒ ƛǚǙǋǉǙǍǋƧǆǋ ƻǒ5ƤǩǍ ƯǒƧǆ!ƒ ǙƵǷ Ǒ5 ǙǋǦʅǒ ǦǆǙ ÜƯǒƧǆǙ! Ǚƨǋǒ.

- ƸùǙǋǍ Ü(2.55) (ƧƛǂƌùǙ ƧǦùǈǒǷ 1000) ǐƧǋT!ƒ ýƤǷǙ! ǑǙǂ!ƒ YǍǆǰƞǆǙ! ǑǋǦʅơ ƱʅǍǩǆ ǏǙƵǙ (ƧǦùǈǒǷ 1000-501) ǐƧǋT!ƒ ýƤǷǙ! ƸǙǋǍ Ü(2.26) (ƧǦǈǒǷ 500 ǇǆǙ ýpǙ) ǐƧǋT!ƒ ýƤǷǙ! ÜǦǒǰǦùƮơƹ ǂù!ƒǷ ǂǆǒp ǑǋǍ Ü(0.017)ǂǒǰǦƮơƹ ǂ!ǓǷǋǍ (4.14) (F)ǂǆǒp ƘƺǙǋǍ Ü(2.25) ǂùǒơ . ƯƧùǆǙ! ǂǒ5ǦǀƛǙ!ƒ ƘǦǈǍǂǆ!ƒ ǎǍǩʅǆ ǏǙƵ ǐƧǋT!ƒ ýƤǷ!ƒ ƧǒƺǩǆƧǒƛǩ ǏǙƵ ýǷǒ ƒƦǋǍ ǂ5ǦưǗǦǋ ÜǙǷƤǩʅǆ!ƒ ɯǚƶ!ƒ ƱǆǈǙ! ǉƧǦǒǩƤƒ ǂǒ5ǒǂǍ ƯƧǆǙ! ƯǒƧǆ!ƒ ǂǋǦƞǩʅƒ ǂǀǒƧƱǋ ƧƛƌǒǙǉǙ . ƯƧǆ!ƒ ýǦǒơ ǊǙ5ƧƮǩ ǂǒ5ǒǂ Ǒ5 ƯǒƧǆ!ƒ ǑƵǍ ǎǷǆǍ ÜɯǚƶǙ!ƒ ǇǦǂǆ ƧǦǒǩƤƒ Ǐ!ƹ

- ǂùǆǦpǗƒ ǇǦùǂǆǙ! ƸùǙǋǍ Ü(2.31) (ǂǈǒǷǆ) ǂǆǦpǗƒ ǇǦǂǆǙ! ǑǙǂ!ƒ YǍǆǰƞǆǙ! ǑǋǦʅơ ƱʅǍǩǆ ǏǙƵǙ ǂù!ǓǷǋǍ (1.40) (F)ǂùǆǒp ƘƺǙǋǍ Ü(2.19) (ǂǒƧp) ǂǆǦpǗƒ ǇǦǂǆǙ! ƸǙǋǍ Ü(2.22) (ǙǒƤǆ) ǇǦùǂǆ ƧùǒƺǩǆƧǒƛƌùǩ ǙǷƵ ǏǙƵ ýǷǒ ƒƦǋǍ ÜǦǒǰǦƮơƹ ǂ!ƒǷ ƧǒƩ ǂǆǒp ǑǋǍ Ü(0.24)ǂǒǰǦƮơƹ ƯƒƧùǆǕƒ ƧǦùTǩǈƒ Ǐù!ƹ ǂùƞǒǩǈ!ƒ ƧǋƱǩǍ . ƯƧǆǙ! ǂǒ5ǦǀƛǙ!ƒ ƘǦǈǍǂǆ!ƒ ǎǍǩʅǆ ǏǙƵ ǂǆǦpǗƒ lǦùǒơ!ƒ ǂùƶǒǋƱǍ Ǧǋǒ5 lƧTǩǈǆ!ƒ ýǦǆƵǕƒ ǂƶǒǋƱ5 ǦǋǒƟ ǉǷǰǦʅ!ƒ Ƙƒǒǀƶǩ!ƒ ǉǷǦǒƨ! ǂƧƱǈ ǂǈǒǷǆ!ǦǋƯƒƧǆǕƒ ƧǍǋƱ ǂǋʅǈ ǇǆǙ ǷǒƨǩǂǒǰǒǋƒƒýǆƒǍƶ!ƒǍ .

• [illegible] (2.30) ([illegible] 10 [illegible]) [illegible]

[illegible] 2.29) ([illegible] 10-6) [illegible]

[illegible]

[illegible]

[illegible].

[illegible] :

[illegible] .

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] .

[illegible]

[illegible]

[illegible] .

[illegible]

[illegible]

[illegible]

[illegible].

(0.08) (F) (2.27) 5 (0.91)

ŧŀǴƬŰƒ ǀþdžĂ ŧdžǴpŰƒ ǈǴŧdžĂĂ Ƨdžƶ!Ǵŧ ŧŏƵǴdžķηŰƒ ƒ ƑǴƬƤ!ƒĂ ƘƒƧŏʒķdž!ƒ Ư ƶŀ! ŧŏ5Ǵǀλ!ƒ ƘǴǉĂŧdž!ƒ

ŧŏ5Ǵǀλ!ƒĂ ŧŏƵǴdžķηŰƒ ƘǴǉĂŧdž!ƒ ǋŀƶǈķ ĭ Ʀ!ƒ ƧĂþ!ƒ ŧƪƒƧþ!ƒ Ƙơư ĂǷ ƒƦŧǋĂ Ü ĭ ƧǌƬ!ƒ ýƤþ!ƒĂ Ư Ƨdž!Ǵŀ

. Ư Ƨdžǈ! ŧŏƬƤƬ!ƒ þƧɜ!ƒ ŧŀƧηķ Ŏ5

:ǴǌdžǋǷ ǈdž ƘǴŏƬĂķ!ƒ ǈdž þŏþƶ!ƒ Ĭ!ǫ ýƬĂķ!ƒ Ǆķ ŧƪƒƧþǈ! ǋƑǴķǉ ǈdž Ǆþǀķ Ǵdž ĬǈƵ ƒǅǴǉŀĂ

ǈdž ýŏǈǀķǈ! ǅǴŀƱŰƒ ýŀp ǈdž Ư ŏƧdž!ƒ þǉƵ Ŏ5Ǵǀλ!ƒĂ ŎƵǴdžķηŰƒ ƔǉǴη!ƒ ĬǈƵ ƨŏŧƧķ!ƒ ǀƧĂƧư -1

.ǋŀ Ǆŧơķ!ƒĂ Ư Ƨdž!ƒ ǀþơ

ǴùŏηĂ!Ăŏŀ Ư Ƨdž!ƒ Ǆǌ5 ǈdž ǈŧdžķǈ! ĬƺƬķƪdž ýŧ ýƤƒþ ǈŏŏƵǴdžķηƒ ǈŏƑǴƬƤǷ þĂηĂ ǀƧĂƧư -2

.ǴŏƵǴdžķηƒĂ Ǵŏ5Ǵǀλ Ă

.ŎŀƱ!ƒ ƔǴdžķηŰƒ ǄǈƵ ƘǴƵĂưĂdž Ŏ5 ŧŏŀƱ!ƒ ƧþƒĂŧǈ! ŧŏĂƵĂķ ƘƒƧĂþ þǀƵ -3

.ǴǋƧĂƱķ ǈdž þơǈ! Ǆǌ ư ƒƧdžǷ ǉǴηķƒ ǄǌķǴηƒĂŀ Ǆƒƨķ!Ű ǀƧĂƧư ŀ Ĭ ư Ƨdž!ƒ ŧŏƵĂķ -4

ŧùpűƵ ýλdž ŎŀƱ!ƒ ƔǴdžķηŰƒ ǄǈƵ ƘŰǴηdž Ŏ5 ăƧƤǷ ƔǉƒĂη ýĂǴǉķ ƘǴƪƒƧþ ǅƒƧηǫ ǀƧĂƧư -5

.ƘǴƵĂưĂdž!ƒ ǈdž ǴǋƧŏƺĂ Ư Ƨdž!ƒĂ ŧŀƱ!ƒ ĂǷ ƔŏŀƱ!Ǵŀ Ư ŏƧdž!ƒ

[illegible]:

[illegible] (1992). [illegible]

[illegible] (1991). [illegible]

[illegible] (2011). [illegible]

[illegible] (1994). [illegible] 163-234 [illegible]

[illegible] (1996). [illegible]

[illegible] (1994). [illegible] 165-208 [illegible] 15 [illegible]

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[illegible] (2011). [illegible]

[illegible] (1980). [illegible]

[illegible] (2006). [illegible]

.DžFDžY ÛDž.ǫ ÛhDžFyľЄ hΘTľЄ Ǐǯ ƦШNjDžľЄ .(2000) LJʅơ ƥdžơdž ÜǑhƵƨ!ƒ

ÜyǕùǒƨĂk!ƒĂ ƧTǉľ! ýhľkʅdž!ƒ Ƨƒƥ ÜŧƼǴľλ!ƒ lƧƒƨĂ Üƒǫ ǕЄNj ƒƯľЄ DžĩǴ hƽǘyľЄ .(1997) ƥĂdžơdž ÜǑhƵƨ!ƒ

.LJƥƧǕ̄ƒ - LJǴdžƵ

.ŧǒƧƥǉŧʅǗƒ Ü ŧǒzdžǴɳ!ƒ ŧƼƧzdž!ƒ Ƨƒƥ ÛhĭƥǫdžlƨǕ̄Є ÛĬǴƯľЄ ƱFDžŧШǗЄ !ŧY .(2003) ŧǒƥǴǉ Ü ƧdžƵ ƥǒʅ!ƒ

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وزارة الصحة

الرقم تطوير/خطط/٢٣٣٤
التاريخ
الموافق ٢٠١٤/٣/٢٣

مدير صحة ....
مدير مستشفى ....

تحية طيبة وبعد ،،،

أرفق طياً صورة عن كتاب مدير مستشفى البشير / رئيس لجنة أخلاقيات البحث العلمي رقم م ب أ / لجنة أخلاقيات /٤٣٥١ تاريخ ٢٠١٤/٣/١٩ بخصوص السماح لطالبة الماجستير **اماني كمال الزغير** اجراء بحث بعنوان :-

(المكونات الاجتماعية والثقافية للمرض في الأردن : دراسة ميدانية على المرضى في اربد)

عن طريق توزيع الاستبيان المرفق صورة عنه على المرضى المراجعين للمستشفيات والمراكز الصحية التابعة لوزارة الصحة .

أرجو التكرم بالإيعاز لمن يلزم تسهيل مهمة اجراء البحث اعلاه .

وتفضلوا بقبول فائق الاحترام ،،،

مدير تطوير الموارد البشرية

الدكتورة فدوى الشوابكه

هـ م

المملكة الأردنية الهاشمية
هاتف ٥٢٠٠٢٣٠ ٦ ٩٦٢+ فاكس ٥٦٨٨٣٧٣ ٦ ٩٦٢+ ص ب ٨٦ عمان ١١١١٨ الأردن. الموقع الإلكتروني www.moh.gov.jo

مدير تطوير الموارد البشرية

تحية طيبة وبعد،،،

اشارة لكتابكم رقم تطوير / خطط /١٩٦٤ تاريخ ٢٠١٤/٣/٩ بخصوص البحث المقدم من قبل طالبة الماجستير / اماني كمال الزغبي .

بعنوان:-

"المكونات الاجتماعية والثقافية للمرض في الاردن : دراسة ميدانية على المرضى في اربد "

يرجى التكرم بالعلم بأنه" قد تم عرض البحث على لجنة اخلاقيات البحث العلمي وقد قررت اللجنة الموافقة على اجراء البحث المشار اليه اعلاه بعد ان قامت الباحثة باجراء التعديلات المطلوبة

للتكرم بالاطلاع واجراء [illegible]

واقبلوا الاحترام

مدير مستشفى البشير

الدكتور عصام الشريدة

Abstract

Zughbar,Amani kamal. The social and cultural components of illness: A field study on a sample of patients in the city of Irbid. Master Thesis. Yarmouk University. 2014. (Supervisor: Dr.Fahmi algazwi)

The present study aimed to indentify the nature of the illness within the community and individuals' interpretation of it according to their own perceptions and their own concepts about it. In addition to aiming to discover the most social components and their effect on this illness and how to deal with it. This study also aimed to reveal the cultural components associated with the values, perceptions and practices that are related to health and illness through the individuals' realization, their perceptions, their attitudes and their daily responses, And the extent to which social and cultural components of the demographic characteristics of individuals. To achieve this, the researcher designed questionnaire consisted of three axis: the first one, the causes of the disease from patient's perspective, and the secondly, knowing the social components of the disease, and thirdly, most characteristic cultural components, the questionnaire was distributed in its final form after confirmation of sincerity and persistence on the study sample, which consisted of (200) patients from public hospitals and some private hospitals and clinics in Irbid. After collecting data and processing necessary statistical treatment, the study revealed the effect of the social components of the illness, such as the family, relatives, friends and others from the social environment of those who surround the patient. It also revealed a link cultural components of illness, the study has pointed to Strong belief in fatalism and folk medicine.The social and cultural elements formed logical explanation for the occurrence of illness. Also, the results of study showed that the social and the demographic characteristics of a large and influential role in illness, the most important of them are the age, the level of economic , the social situation , the nature of the occupation and the place of residence. Finally the study showed the existence of differences with statistical indications for these variables.

Key Words: The Social Components, Cultural Components, Illness